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JVC LT-26AX5/S SERVICE MANUAL

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JVC

SERVICE MANUAL

WIDE LCD PANEL TELEVISION

LT-26AX5, LT-26AX5/S, LT-32AX5, LT-32AX5/S

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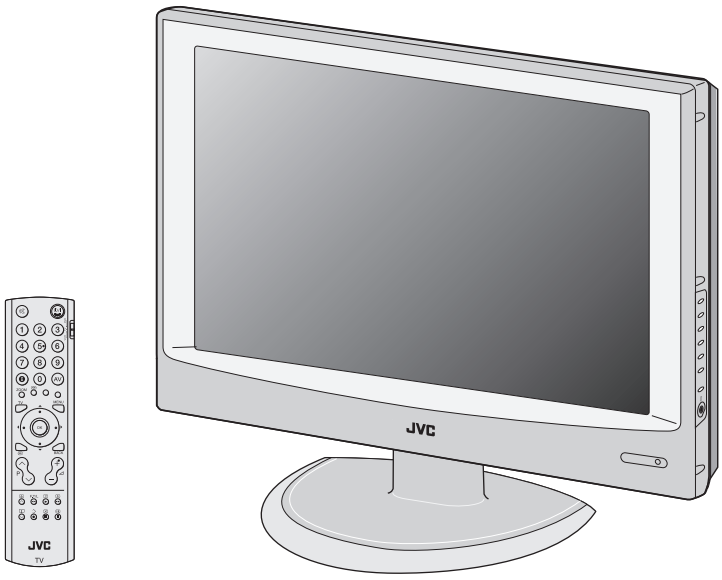

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No.YA344
2005/10

SPECIFICATION

Items		Contents	
		LT-26AX5	LT-32AX5
Dimensions (W × H × D)		68.6 cm × 52.7 cm × 30.8 cm [Included stand] 68.6 cm × 47.4 cm × 12.2 cm [TV only]	82.0 cm × 60.4 cm × 30.8 cm [Included stand] 82.0 cm × 55.1 cm × 12.7 cm [TV only]
Mass		16.0 kg [Included stand] 12.5 kg [TV only]	20.0 kg [Included stand] 16.5 kg [TV only]
Power Input		AC110V - AC240 V, 50 Hz / 60 Hz	
Power Consumption		125 W (Standby: 2.1 W)	158 W (Standby: 2.1 W)
TV RF System		B, G, I, D, K, M	
Colour System		PAL / SECAM / NTSC 3.58 / NTSC 4.43	
Stereo System		A2 (B/G, D/K), NICAM (B/G, I, D/K)	
Teletext System		FLOF (Fastext), WST (World Standard System)	
Receiving Frequency	VHF Low VHF High UHF CATV	46.25MHz - 168.25MHz 175.25MHz - 463.25MHz 471.25MHz - 863.25MHz Mid (X - Z+2, S1 - S10) / Super (S11 - S20) / Hyper (S21 - S41) bands	
Intermediate Frequency	VIF SIF	38.0MHz (B, G, I, D, K, L) 32.26MHz (5.74MHz: B), 32.15MHz (5.85MHz: G), 31.45MHz (6.55MHz: I) 31.75MHz (6.25MHz: D), 32.15MHz (5.85MHz: K)	
Colour Sub Carrier	PAL SECAM NTSC	4.43MHz 4.40625MHz / 4.25MHz 3.58MHz / 4.43MHz	
LCD panel		26V-inch wide aspect (16 : 9)	32V-inch wide aspect (16 : 9)
Screen Size		Diagonal : 65 cm (H: 57.6 cm × V: 32.4 cm)	Diagonal : 80 cm (H: 69.7 cm × V: 39.2 cm)
Display Pixels		Horizontal : 1366 dots × Vertical : 768 dots (W-XGA)	
Audio Power Output		5 W + 5 W	
Speaker		6.6 cm, round type × 2 (Oblique corn)	
Aerial terminal (VHF/UHF)		75 Ω unbalanced, coaxial	
VIDEO-1 / VIDEO-2 (Input / Output)		21-pin Euro connector (SCART socket) × 2	
VIDEO-3 (Input)	S-Video Video Audio	Mini-DIN 4 pin × 1 Y: 1 V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286 V (p-p) (Burst signal), 75 Ω 1 V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500 mV (rms), High impedance, RCA pin jack × 2	
VIDEO-4 (Input)	Component Video 750p 625p / 525p / 625i / 525i	RCA pin jack × 3 Y : 1 V (p-p) (Sync signal: ±0.35V(p-p), 3-value sync.), 75Ω Pb/Pr : ±0.35V(p-p), 75 Ω Y : 1 V (p-p), Positive (Negative sync provided), 75 Ω Cb/Cr : 0.7V(p-p), 75 Ω	
PC (RGB) Input		D-sub 15 pin × 1 R/G/B : 0.7 V (p-p), 75Ω HD / VD : 1 V (p-p) to 5 V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5 kHz / Vertical : 60 Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 48.4 kHz / Vertical : 60 Hz)	
Headphone		3.5 mm stereo mini jack × 1	
Remote Control Unit		RM-C1816 (AA/R6 dry cell battery × 2)	

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

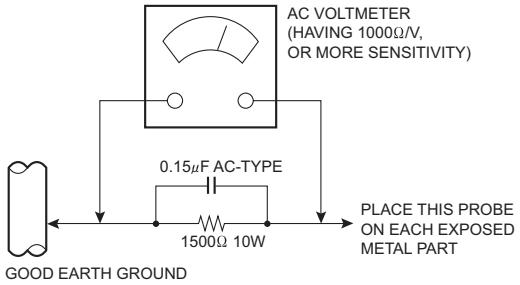
(5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically.Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

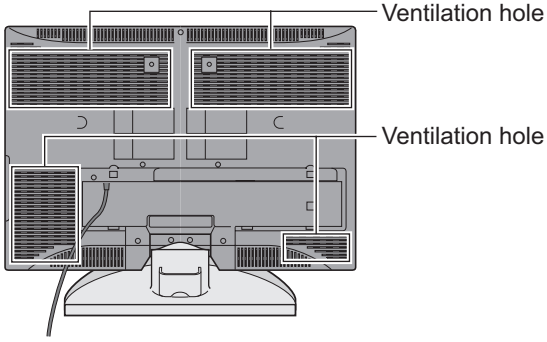


*Diagram differs from actual appearance.

1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc.Install the unit on stable flooring or stands.Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

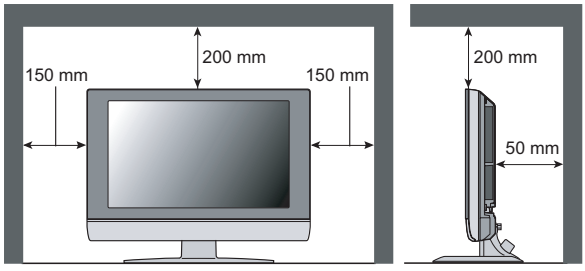


*Diagram differs from actual appearance.

1.2.3 INSTALLATION REQUIREMENTS

To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.

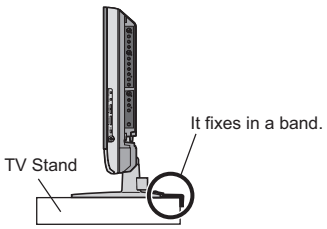


*Diagram differs from actual appearance.

1.2.4 NOTES ON HANDLING

(1) WHEN TAKING UNIT OUT OF A PACKING CASE

When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

(2) AS FOR PRESSING OR TOUCHING A SPEAKER

Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

1.3 HANDLING LCD PANEL

1.3.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

(1) USE A SPECIAL PACKING CASE FOR THE LCD PANEL
When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.

(2) ATTACH PROTECTION SHEET TO THE FRONT
Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.

(3) AVOID VIBRATIONS AND IMPACTS
The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(4) DO NOT PLACE EQUIPMENT HORIZONTALLY
Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.3.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

(1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and COLOUR.

(2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).

(3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.

(4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

1.3.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

(1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular COLOUR.

(2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.

(3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

ZOOM

This function can change the screen size according to the picture aspect ratio.

3D SOUND

This function can enjoy Surround sound with a "live" effect by using the 3D SOUND.

DIGITAL VNR

This function cuts down the amount of noise in the original picture.

COLOUR SYSTEM

If the picture is not clear or no colour appears, change the current colour system to another colour system.

2.2 MAIN DIFFERENCE LIST

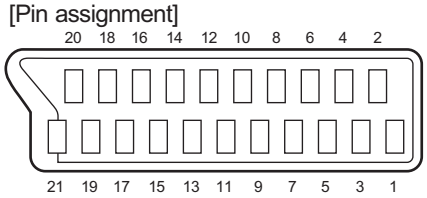
Item	LT-26AX5	LT-26AX5/S	LT-32AX5	LT-32AX5/S
POWER CORD	EU Type (Round 2 Pins)	UK Type (UK 3 Pins)	EU Type (Round 2 Pins)	UK Type (UK 3 Pins)

2.3 21-PIN EURO CONNECTOR (SCART) : VIDEO-1 / VIDEO-2

Pin No.	Signal designation	Matching value	VIDEO-1	VIDEO-2
1	AUDIO R output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
2	AUDIO R input	500mV(rms) (Nominal), High impedance	Used (R1)	Used (R2)
3	AUDIO L output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
4	AUDIO GND		Used	Used
5	GND (B)		Used	Used
6	AUDIO L input	500mV(rms) (Nominal), High impedance	Used (L1)	Used (L2)
7	B input	$700mV_{(B-W)}$, 75Ω	Used	Used
8	FUNCTION SW (SLOW SW)	Low : 0V-3V High : 8V-12V, High impedance	Used	Used
9	GND (G)		Used	Used
10	SCL / T-V LINK		Not used	Used (SCL2 / TV-LINK)
11	G input	$700mV_{(B-W)}$, 75Ω	Used	Used
12	SDA		Not used	Used (SDA2)
13	GND (R)		Used	Used
14	GND (YS)		Used	Not used
15	R / C input	R : $700mV_{(B-W)}$, 75Ω C : $300mV_{(P-P)}$, 75Ω	Used (R)	Used (C2/R)
16	Ys input (FAST SW)	Low : 0V-0.4V, High : 1V-3V, 75Ω	Used	Used
17	GND (VIDEO output)		Used	Used
18	GND (VIDEO input)		Used	Used
19	VIDEO output	$1V_{(P-P)}$ (Negative sync), 75Ω	Used (TV OUT)	Used (LINE OUT)
20	VIDEO / Y input	$1V_{(P-P)}$ (Negative sync), 75Ω	Used	Used
21	COMMON GND		Used	Used

(P-P= Peak to Peak, B-W= Blanking to white peak)

[Pin assignment]



2.4 TECHNICAL INFORMATION

2.4.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.
Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

2.4.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

Item	Specifications	
	LT-26AX5	LT-32AX5
Maximum dimensions (W × H × D)	626.0 mm × 373.0 mm × 51.0 mm	760.0 mm × 450.0 mm × 50.0 mm
Weight	4.7 kg	7.5 kg
Effective screen size	Diagonal: 650 mm (H: 576 mm × V: 324 mm)	Diagonal: 800 mm (H: 697 mm × V: 392 mm)
Aspect ratio	16 : 9	
Drive device / system	a-Si-TFT active matrix system	
Resolution	Horizontally 1366 × Vertically 768 × RGB < W-XGA > 3147264 dots in total	
Pixel pitch (pixel size)	Horizontally: 0.4215 mm Vertically: 0.4215mm	Horizontally: 0.51075 mm Vertically: 0.51075 mm
Displayed colour	16777216 colours 256 colours for R G and B	
Brightness	500cd/m2	
Contrast ratio	800 : 1	1000 : 1
Response time	8ms	
View angle	Horizontally: 170° Vertically: 170°	
Surface polarizer	Anti-Glare type Low reflective coat	
Colour filter	Vertical stripe	
Backlight	U-type Cold cathode fluorescent lamp × 8	Direct-type Cold cathode fluorescent lamp × 16
Power supply voltage in LCD	6.5 V	
Power supply voltage in inverter	26.4 V	25.2 V
Panel interface system	LVDS (Low Voltage Differential Signaling)	

2.4.1.2 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

■ **BRIGHT FAULT**

In this pixel fault, a cell that should not light originally is lighting on and off.
For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

■ **DARK FAULT**

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.
For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

■ **FLICKER FAULT**

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.
For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.4.2 MAIN CPU PIN FUNCTION [U302 : MAIN PWB]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	D1	I/O	Program ROM data for CPU	51	NC2	-	Not used
2	D4	I/O	Program ROM data for CPU	52	XTAL2	O	6MHz for system clock
3	D2	I/O	Program ROM data for CPU	53	XTAL1	I	6MHz for system clock
4	D3	I/O	Program ROM data for CPU	54	NC3	-	Not used
5	XROM	O	This pin must be pulled low to access external ROM.	55	VSSA	-	GND
6	VDD 2.5	I	2.5V	56	VDDA 2.5	I	2.5V
7	VSS	-	GND	57	R	O	R for teletext
8	VDD 3.5	I	3.5V	58	G	O	G for teletext
9	P0.0	I/O	Address/Data for scaler IC	59	B	O	B for teletext
10	P0.1	I/O	Address/Data for scaler IC	60	BLANK/COR	O	Ys for Teletext
11	P0.2	I/O	Address/Data for scaler IC	61	NC4	-	Not used
12	P0.3	I/O	Address/Data for scaler IC	62	P1.7	O	Reset for Scaler IC [H=Reset]
13	P0.4	-	Not used	63	NC5	-	Not used
14	P0.5	O	Address latch Enable	64	WR	O	Write for memory
15	P0.6	-	Not used	65	RD	O	Read for memory
16	P0.7	-	Not used	66	NC6		Not used
17	ENE	-	Not used	67	A19	O	Program ROM address for CPU
18	STOP	-	Not used	68	A18	O	Program ROM address for CPU
19	OCF	-	Not used	69	A16	O	Program ROM address for CPU
20	EXTIF	-	Not used	70	A17	O	Program ROM address for CPU
21	CVBS	I	Video for teletext	71	A15	O	Program ROM address for CPU
22	VDDA 2.5	I	2.5V	72	FL_PGM	-	Test purpose
23	VSSA	-	GND	73	VDD 2.5	I	2.5V
24	P2.0	I	Scart2 ID [H=Detect]	74	VSS	-	GND
25	P2.1	I	key scan data 1	75	VDD 3.3	I	3.3V
26	P2.2	I	key scan data 2	76	A14	O	Program ROM address for CPU
27	P2.3	I	Scaet1 ID [H=Detect]	77	A12	O	Program ROM address for CPU
28	NC1	-	Not used	78	A13	O	Program ROM address for CPU
29	HS/SSC	I	Horizontal sync	79	A7	O	Program ROM address for CPU
30	VS	I	Vertical sync	80	FL_RST	-	Test purpose
31	P3.0	O	Data Read for Scaler IC	81	A8	O	Program ROM address for CPU
32	P3.1	O	Comunication for adjustment [H=TXD]	82	A6	O	Program ROM address for CPU
33	P3.2	I	TV-Link in	83	A9	O	Program ROM address for CPU
34	P3.3	I	Remote control	84	A5	O	Program ROM address for CPU
35	P3.4	I/O	I2C bus Data(for EEPROM)	85	A11	O	Program ROM address for CPU
36	P3.5	O	I2C bus Clock(for EEPROM)	86	A4	O	Program ROM address for CPU
37	P3.6	O	Data Write for Scaler IC	87	ALE	O	Address Latch Enable
38	P3.7	I	Comunication for adjustment [H=RXD]	88	PSEN	O	Program Store Enable
39	VSS	-	GND	89	A3	O	Program ROM address for CPU
40	VDD 3.3	I	3.3V	90	A10	O	Program ROM address for CPU
41	P1.0	O	RGB Select [L=SCART1, H=SCART2]	91	VSS	-	GND
42	P1.1	I	Headphone Ident [L=Detect]	92	VDD 3.3	I	3.3V
43	P1.2	I/O	I2C bus Data(for inter IC)	93	A2	O	Program ROM address for CPU
44	P1.3	O	I2C bus Clock(for inter IC)	94	A1	O	Program ROM address for CPU
45	P1.4	O	Reset for inter IC [L=Reset]	95	FL_CE	-	Test purpose
46	P1.5	I	PC Detect [L=Detect]	96	D7	I/O	Program ROM data for CPU
47	P1.6	O	Memory Pack I2C S/W [L=Detect]	97	A0	O	Program ROM address for CPU
48	P4.2	O	Main power control [L=ON, H=OFF]	98	D6	I/O	Program ROM data for CPU
49	P4.3	O	TV-Link out	99	D0	I/O	Program ROM data for CPU
50	RST	O	Reset [L=Reset]	100	D5	I/O	Program ROM data for CPU

SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

CAUTION AT DISASSEMBLY:

- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.1.1 REMOVING THE STAND

(1) Remove the JACK COVER.
(2) Remove the 2 screws **[A]**, then remove the STAND COVER.
(3) Remove the 4 screws **[B]**, then remove the STAND.

3.1.2 REMOVING THE REAR COVER

- Remove the STAND.

(1) Remove the 8 screws **[C]**, 1 screw **[D]** and 2 screws **[E]**, then remove the REAR COVER.

3.1.3 REMOVING THE POWER PWB

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 4 screws **[G]** and 1 screw **[H]**, then remove the TERMINAL BASE.
(2) Remove the 8 screws **[F]**, then remove the BACK BRACKET.
(3) Remove the 6 screws **[J]**, then remove the POWER PWB SHIELD.
(4) Remove the 5 screws **[K]**, then remove the POWER PWB.

3.1.4 REMOVING THE MAIN PWB

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TERMINAL BASE.
- Remove the BACK BRACKET.
- Remove the POWER PWB SHIELD.

(1) Remove the 7 screws **[L]** and 2 screws **[N]**, then remove the MAIN PWB SHIELD.
(2) Remove the 6 screws **[M]**, then remove the MAIN PWB.

3.1.5 REMOVING THE KEY PWB

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 2 screws **[P]**, then remove the KEY PWB.

3.1.6 REMOVING THE LED PWB

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 2 screws **[Q]**, then remove the LED PWB.

3.1.7 REMOVING THE SPEAKER

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 6 screws **[R]**, then remove the SPEAKER (L/R).

CAUTION:

Please do not disassembly the SPEAKER.
When the speaker is decomposed, the performance cannot be kept.

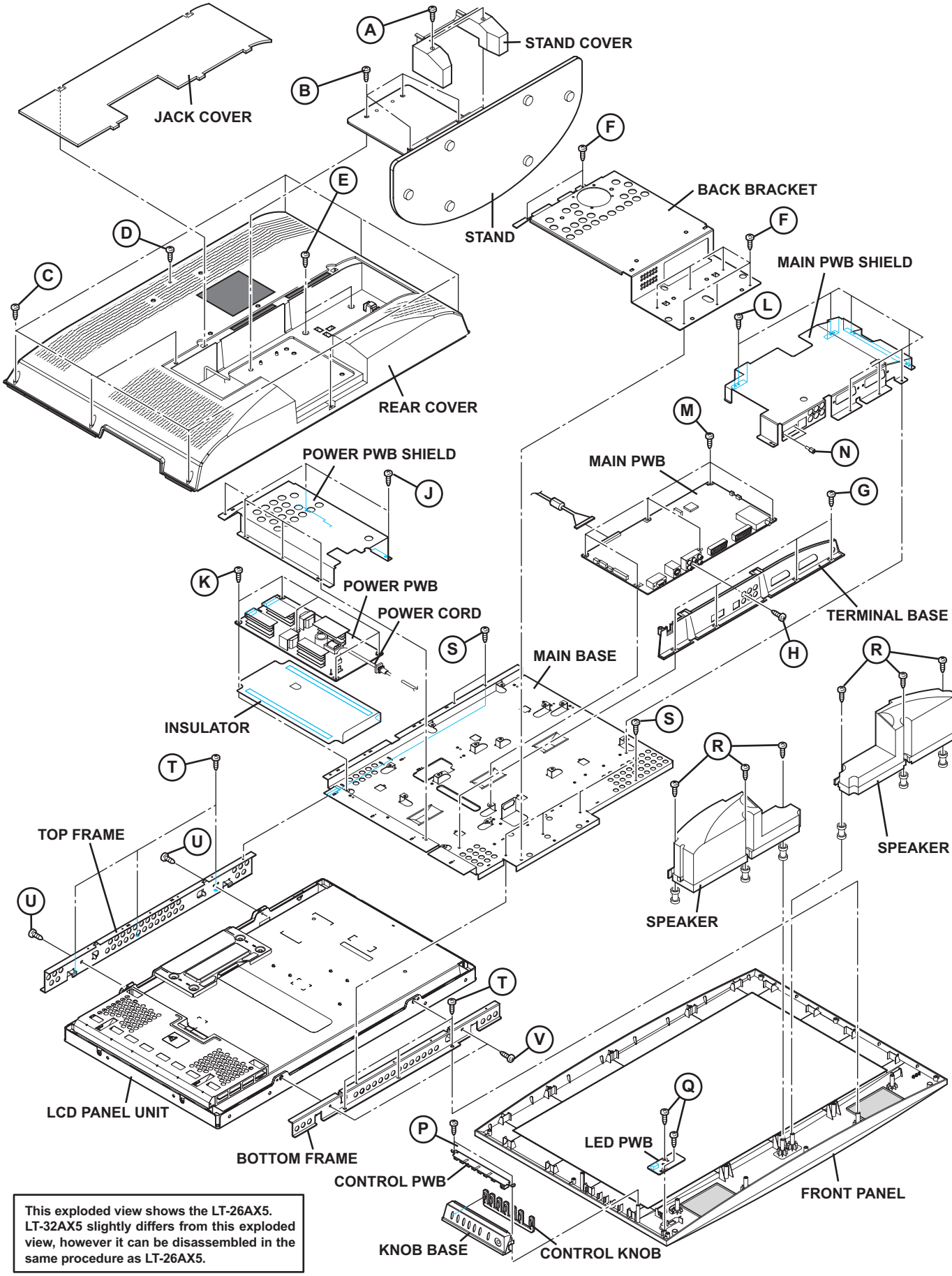
3.1.8 REMOVING THE LCD PANEL UNIT

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TERMINAL BASE.
- Remove the BACK BRACKET.

(1) Remove the 6 screws **[S]**, then remove the MAIN BASE.
(2) Remove the 6 screws **[T]**, then remove the FRONT PANEL.
(3) Remove the 2 screws **[U]**, then remove the TOP FRAME.
(4) Remove the 2 screws **[V]**, then remove the BOTTOM FRAME.

NOTE:

- Pay special attention not to break or damage on the FRONT PANEL.
- The LCD PANEL UNIT is fixed to the FRONT PAMEL (at the back side)by using double-side adhesive tapes. To remove the LCD PANEL UNIT, remove the adhesive tape on the FRONT PANEL slowly.



This exploded view shows the LT-26AX5. LT-32AX5 slightly differs from this exploded view, however it can be disassembled in the same procedure as LT-26AX5.

Fig.1

3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 MEMORY IC REPLACEMENT PROCEDURE

1. Power off
Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC
Be sure to use the memory IC written with the initial setting values.

3. Power on
Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting
Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.2.2 SERVICE MODE SETTING

■SERVICE MODE SCREEN

NOTE:
As self check feature is not used in this TV, **"2.SELF_CHECK"** cannot be selected (screen display only).

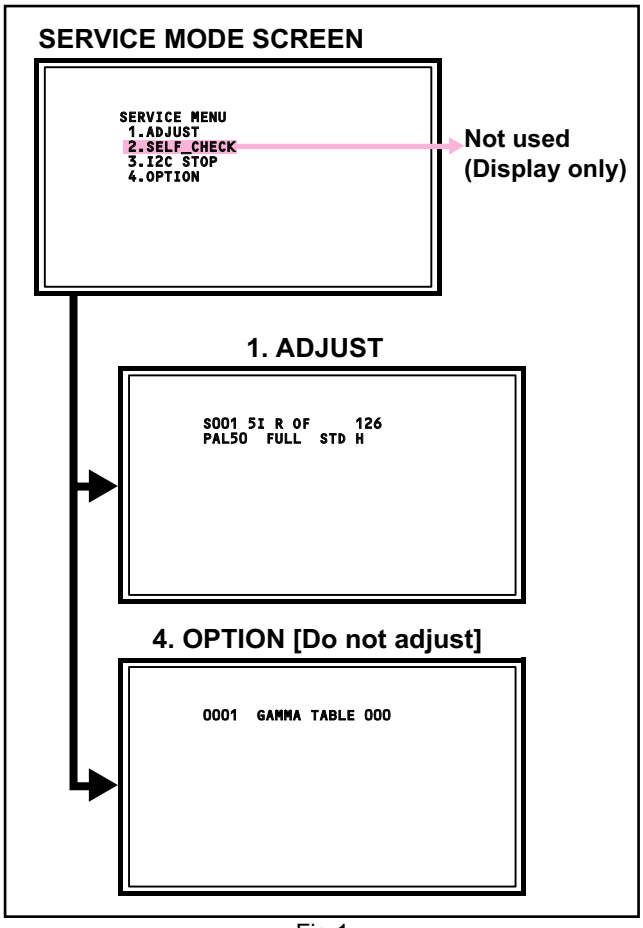


Fig.1

■SETTING ITEM

Setting items	Setting items	Settings	Item No.
1.ADJUST	Video system setting -1	Adjust	S001 - S043
	Video system setting -2	Fixed	M001 - M009
	Audio System Setting	Fixed	A001 - A003
	Video system setting -3	Fixed	D001 - D051
1.OPTION	Option Setting	Fixed	0001 - 0004

3.2.3 SETTINGS OF FACTORY SHIPMENT

3.2.3.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	PR1
VOLUME	10
TV/AV	TV

3.2.3.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
CHANNEL	PR1
VOLUME	10
ZOOM	PANORAMIC
3D SOUND	OFF

3.2.3.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE

Setting item		Setting position
PICTURE MODE		BRIGHT
WHITE BALANCE		COOL
FEATURES		
DIGITAL VNR		AUTO (LOW)
COLOUR SYSTEM	TV	Depends on PR/CH
	EXT	AUTO

(2) SOUND

Setting item	Setting position
STEREO / I•II	Stereo sound
BASS	Centre
TREBLE	Centre
BALANCE	Centre
3D SOUND	OFF

(4) FEATURES

Setting item	Setting position
SLEEP TIMER	OFF
CHANNEL GUARD	
APPEARANCE	TYPE D
BLUE BACK	ON
FAVOURITE SETTING	Reset

(5) SET UP

Setting item	Setting position
AUTO PROGRAM	TV channel automatically set
EDIT/MANUAL	PRESET CH only
LANGUAGE	ENGLISH
VIDEO-3 SETTING	VIDEO
TELETEXT LANGUAGE	ENGLISH

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

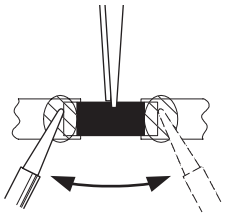
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

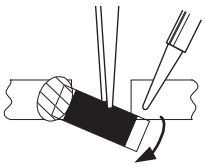
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



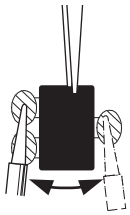
(2) Shift with the tweezers and remove the chip part.



[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.

(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

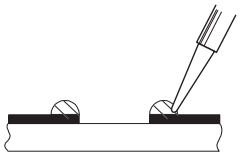


NOTE :
After removing the part, remove remaining solder from the pattern.

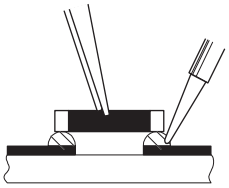
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

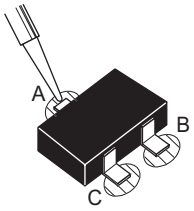


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

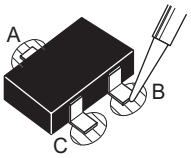


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

(1) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**
(2) Make sure that connection is correctly made AC to AC power source.
(3) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
(4) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
(5) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings position
PICTURE MODE	STANDARD
PICTURE adjustments	Centre
COLOUR TEMP.	NORMAL

4.3 MEASURING INSTRUMENT AND FIXTURES

- Signal generator (Pattern generator)[PAL]
- Remote control unit

4.4 ADJUSTMENT ITEMS

■ **VIDEO CIRCUIT**
- WHITE BALANCE (HIGH LIGHT) adjustment

4.5 BASIC OPERATION OF SERVICE MODE

4.5.1 HOW TO ENTER THE SERVICE MODE

(1) Press **[INFORMATION]** key and **[MUTING]** key on the remote control unit simultaneously to enter the SERVICE MODE SCREEN. (Fig.1)

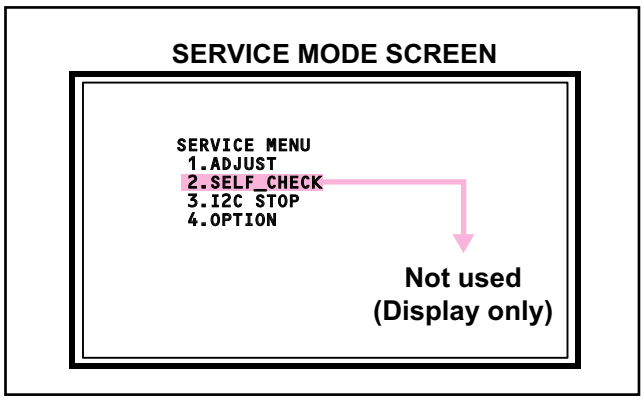


Fig.1

NOTE:
- As self check feature is not used in this TV, **"2.SELF_CHECK"** cannot be selected (screen display only).
- Before entering the SERVICE MODE, confirm that the setting of VCR/TV/DVD switch is at the "**TV**" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.

4.5.2 HOW TO EXIT THE SERVICE MODE

Press the **[MENU]** key to exit the Service mode.

4.5.3 CHANGE AND MEMORY OF SETTING VALUE

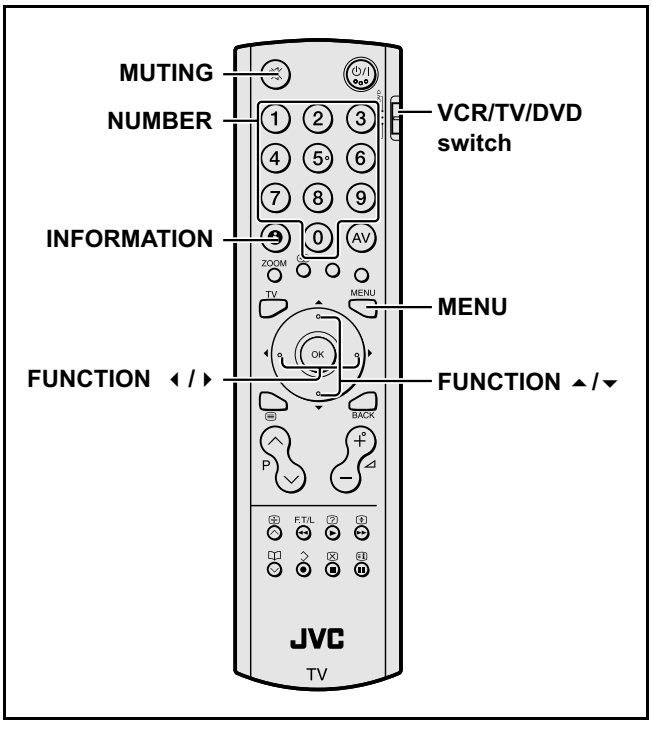
SELECTION OF SETTING ITEM
- **[FUNCTION ▲/▼]** key.
  For scrolling up / down the setting items.

CHANGE OF SETTING VALUE (DATA)
- **[FUNCTION ◀ / ▶]** key.
  For scrolling up / down the setting values.

MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing **[MUTING]** key.

4.5.4 SERVICE MODE SELECT KEY LOCATION



4.5.5 ADJUSTMENT MODE

This mode is used to adjust the VIDEO CIRCUIT.

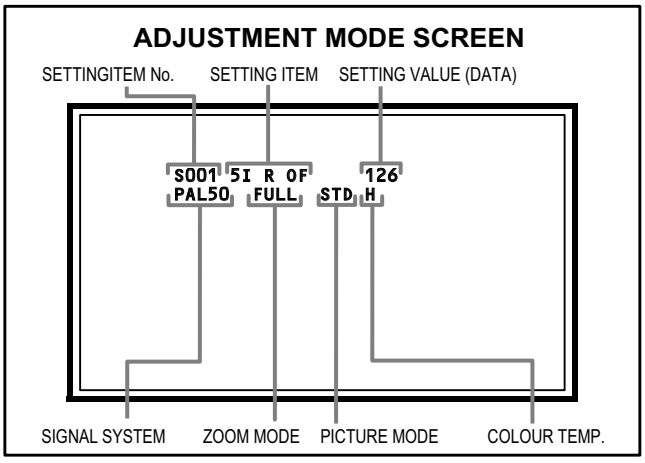
4.5.5.1 HOW TO ENTER THE ADJUSTMENT MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[1]** key to enter the ADJUSTMENT MODE (Fig.2).

NOTE:

- When a number key other than the **[1]** key is pressed in the SERVICE MODE SCREEN, the other relevant screen may be displayed.
  This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MODE SCREEN.

4.5.5.2 DESCRIPTION OF STATUS DISPLAY



(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

PAL50	: PAL50Hz (Composite / S-video)
PAL60	: PAL60Hz (Composite / S-video)
SECAM	: SECAM
NTSC3	: NTSC3.58
NTSC4	: NTSC4.43
525I	: 525i (Component)
525P	: 525p
625I	: 625i (Component)
625P	: 625p
750P6	: 750p 60Hz
PCVGA	: PC (VGA)
PCXGA	: PC (XGA)

(2) ZOOM MODE

State of the screen mode is displayed.

NOTE:

In ADJUSTMENT MODE, the screen mode can be set only to **"FULL"**. When it is entered to ADJUSTMENT MODE, it is automatically changed to **"FULL"**, even if the setting is in other screen mode.

(3) PICTURE MODE

State of the picture mode is displayed.

NOTE:

In ADJUSTMENT MODE, the picture mode can be set only to **"STANDARD"**. When it is entered to ADJUSTMENT MODE, it is automatically changed to **"STANDARD"**, even if the setting is in other picture mode.

(4) WHITE BALANCE

State of the colour temperature is displayed.

NOTE:

In ADJUSTMENT MODE, the colour temperature can be set only to **"NORMAL"**. When it is entered to ADJUSTMENT MODE, it is automatically changed to **"NORMAL"**, even if the setting is in other colour temperature.

(5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 - S043	Video system setting -1
M001 - M009	Video system setting -2
A001 - A003	Audio System Setting
D001 - D051	Video system setting -3

(6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "INITIAL SETTING VALUES IN THE SERVICE MODE".

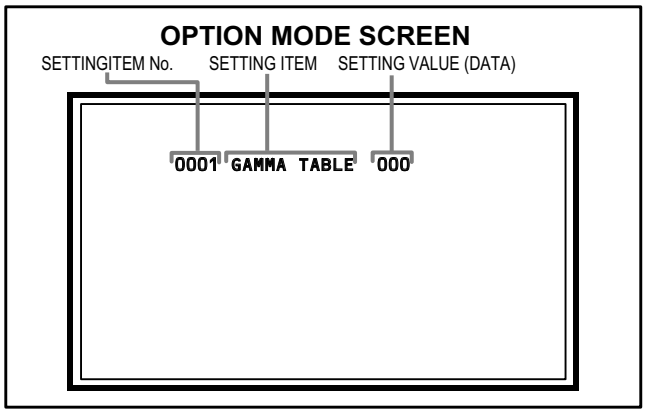
(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.5.6 OPTION MODE [Do not adjust]

Display of optin data setting.

4.5.6.1 DESCRIPTION OF STATUS DISPLAY



(1) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
0001 - 0004	optin data setting **[Do not adjust]**

(2) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "INITIAL SETTING VALUES IN THE SERVICE MODE".

(3) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 1. ADJUST

4.6.1.1 VIDEO SYSTEM SETTING -1

Item No.	Item name	Variable range	Setting value
S001	5I R OF	000 - 255	122
S002	5I G OF	000 - 255	120
S003	5I B OF	000 - 255	122
S004	5P R OF	000 - 255	122
S005	5P G OF	000 - 255	120
S006	5P B OF	000 - 255	122
S007	HD75 R OF	000 - 255	127
S008	HD75 R OF	000 - 255	127
S009	HD75 R OF	000 - 255	127
S010	HD25 R OF	000 - 255	127
S011	HD25 R OF	000 - 255	127
S012	HD25 R OF	000 - 255	127
S013	R DRIVE	000 - 255	150
S014	G DRIVE	000 - 255	150
S015	B DRIVE	000 - 255	150
S016	HD R DR	-32 - 31	-02
S017	HD G DR	-32 - 31	07
S018	HD B DR	-32 - 31	00
S019	CL R DR	-32 - 31	00
S020	CL G DR	-32 - 31	00
S021	CL B DR	-32 - 31	11
S022	WM R DR	-32 - 31	11
S023	WM G DR	-32 - 31	00
S024	WM B DR	-32 - 31	00
S025	HD CL R DR	-32 - 31	00
S026	HD CL G DR	-32 - 31	00
S027	HD CL B DR	-32 - 31	00
S028	HD WM R DR	-32 - 31	00
S029	HD WM G DR	-32 - 31	00
S030	HD WM B DR	-32 - 31	00
S031	PC R OF	000 - 255	133
S032	PC G OF	000 - 255	121
S033	PC B OF	000 - 255	115
S034	PC R DR	-32 - 31	-15
S035	PC G DR	-32 - 31	14
S036	PC B DR	-32 - 31	10
S037	PC CL R DR	-32 - 31	00
S038	PC CL G DR	-32 - 31	00
S039	PC CL B DR	-32 - 31	00
S040	PC WM R DR	-32 - 31	00
S041	PC WM G DR	-32 - 31	00
S042	PC WM B DR	-32 - 31	00
S043	PC AUTO WB	000 - 001	000

4.6.1.2 VIDEO SYSTEM SETTING -2 (*Fixed values)

Item No.	Item name	Variable range	Setting value
M001	MV CON	000 - 255	104
M002	MV SHA	000 - 255	128
M003	MV COL	000 - 255	154
M004	MV TIN	000 - 255	048
M005	(Not display)	000 - 255	120
M006	CH MUTE	000 - 001	000
M007	PC R GAIN	000 - 001	097
M008	PC G GAIN	000 - 001	101
M009	PC B GAIN	000 - 001	101

4.6.1.3 AUDIO SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
A001	S BASS	000 - 016	008
A002	S TREBLE	000 - 016	008
A003	3D LEVEL	000 - 063	031

4.6.1.4 VIDEO SYSTEM SETTING -3 (*Fixed values)

Item No.	Item name	Variable range	Setting value
D001	S CON	000 - 063	029
D002	S BRI	000 - 063	038
D003	S SHA	000 - 008	004
D004	S COL	000 - 063	032
D005	S TIN	000 - 063	032
D006	RGB S COL	000 - 127	032
D007	5I S CON	000 - 063	032
D008	5I S BRI	000 - 063	032
D009	5I S SHA	000 - 063	032
D010	5I S COL	000 - 063	032
D011	5I S TIN	000 - 063	032
D012	5P S CON	000 - 063	032
D013	5P S BRI	000 - 063	032
D014	5P S SHA	000 - 063	032
D015	5P S COL	000 - 063	032
D016	5P S TIN	000 - 063	032
D017	HD S CON	000 - 063	032
D018	HD S BRI	000 - 063	032
D019	HD S SHA	000 - 063	032
D020	HD S COL	000 - 063	032
D021	HD S TIN	000 - 063	032
D022	HD25 S CON	000 - 063	032
D023	HD25 S BRI	000 - 063	032
D024	HD25 S SHA	000 - 063	032
D025	HD25 S COL	000 - 063	032
D026	HD25 S TIN	000 - 063	032

Item No.	Item name	Variable range	Setting value
D027	PC S CON	000 - 063	021
D028	PC S BRI	000 - 063	030
D029	TXT S CON	000 - 127	024
D030	TXT S BRI	000 - 127	016
D031	RGB S CON	000 - 127	048
D032	RGB S BRI	000 - 127	048
D033	STD BRI1	000 - 031	025
D034	STD CON	000 - 031	016
D035	STD BRI2	000 - 031	016
D036	STD SHA	000 - 031	016
D037	STD COL	000 - 031	016
D038	STD TIN	000 - 031	016
D039	SFT BRI1	000 - 031	014
D040	SFT CON	000 - 031	014
D041	SFT BRI2	000 - 031	014
D042	SFT SHA	000 - 031	014
D043	SFT COL	000 - 031	014
D044	SFT TIN	000 - 031	016
D045	BRI BRI1	000 - 031	031
D046	BRI CON	000 - 031	018
D047	BRI BRI2	000 - 031	016
D048	BRI SHA	000 - 031	018
D049	BRI COL	000 - 031	016
D050	BRI TIN	000 - 031	016
D051	PWM	000 - 031	008

4.6.2 OPTION

Item No.	Item name	Variable range	Setting value
0001	GAMMA TABLE	000 - 003	000
0002	CARRIER MUT	000 - 001	000
0003	COLOR DEF	000 - 004	004
0004	SOUND DEF	000 - 005	005

4.7 ADJUSTMENT PROCEDURE

4.7.1 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		[1.ADJUST] S013: R DRIVE (Red drive) S015: G DRIVE (Green drive) S017: B DRIVE (Blue drive)	(1) Receive a PAL 75% all white signal. (2) Set PICTURE MODE to "**STANDARD**". (3) Set ZOOM to "**FULL**". (4) Set WHITE BALANCE to "**NORMAL**". (5) Select "**1.ADJUST**" from the SERVICE MODE. (6) Set **< S013 >** (R DRIVE), **< S015 >** (G DRIVE) and **< S017 >** (B DRIVE) to "**145**". (7) Adjust to Keep one of **< S030 >** (Red drive), **< S031 >** (Green drive) or **< S032 >** (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout. **NOTE:** Set one or more of **< S013 >**, **< S015 >**, and **< S017 >** to "**145**". (8) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (9) Press the **[MUTING]** key to memoirze the set value.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

JVC

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JVC

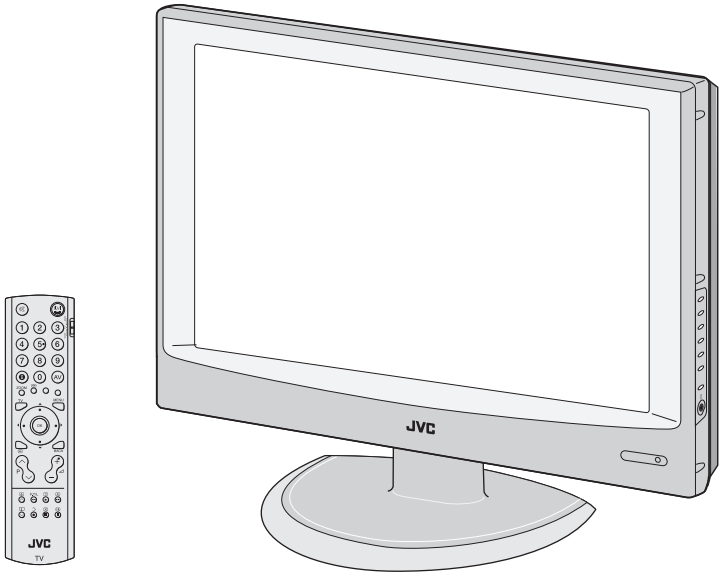
SCHEMATIC DIAGRAMS

WIDE LCD PANEL TELEVISION

LT-26AX5, LT-26AX5/S, LT-32AX5, LT-32AX5/S

BASIC CHASSIS
FT

CD-ROM No.SML200510



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No.YA344
2005/10

LT-26AX5, LT-26AX5/S, LT-32AX5, LT-32AX5/S
STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div
	: V ⇒ 5ms / div
	: Othters ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors

47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

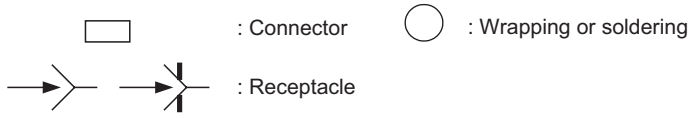
No unit	: [μH]
Others	: As specified

(4)Power Supply

∗ Respective voltage values are indicated

(5)Test point

(6)Connecting method



(7)Ground symbol

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏚) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

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USING P.W. BOARD

P.W.B ASS'Y name	LT-26AX5	LT-26AX5/S	LT-32AX5	LT-32AX5/S
MAIN P.W BOARD	QAL0791-001	←	QAL0792-001	←
POWER P.W BOARD	QAL0793-001	←	←	←
LED P.W BOARD	QAL0794-001	←	←	←
KEY P.W BOARD	QAL0795-001	←	←	←

SEMICONDUCTOR SHAPES

TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
E C B	E C B	B C E (G) (D) (S)	E C B	E C B	CHIP TR

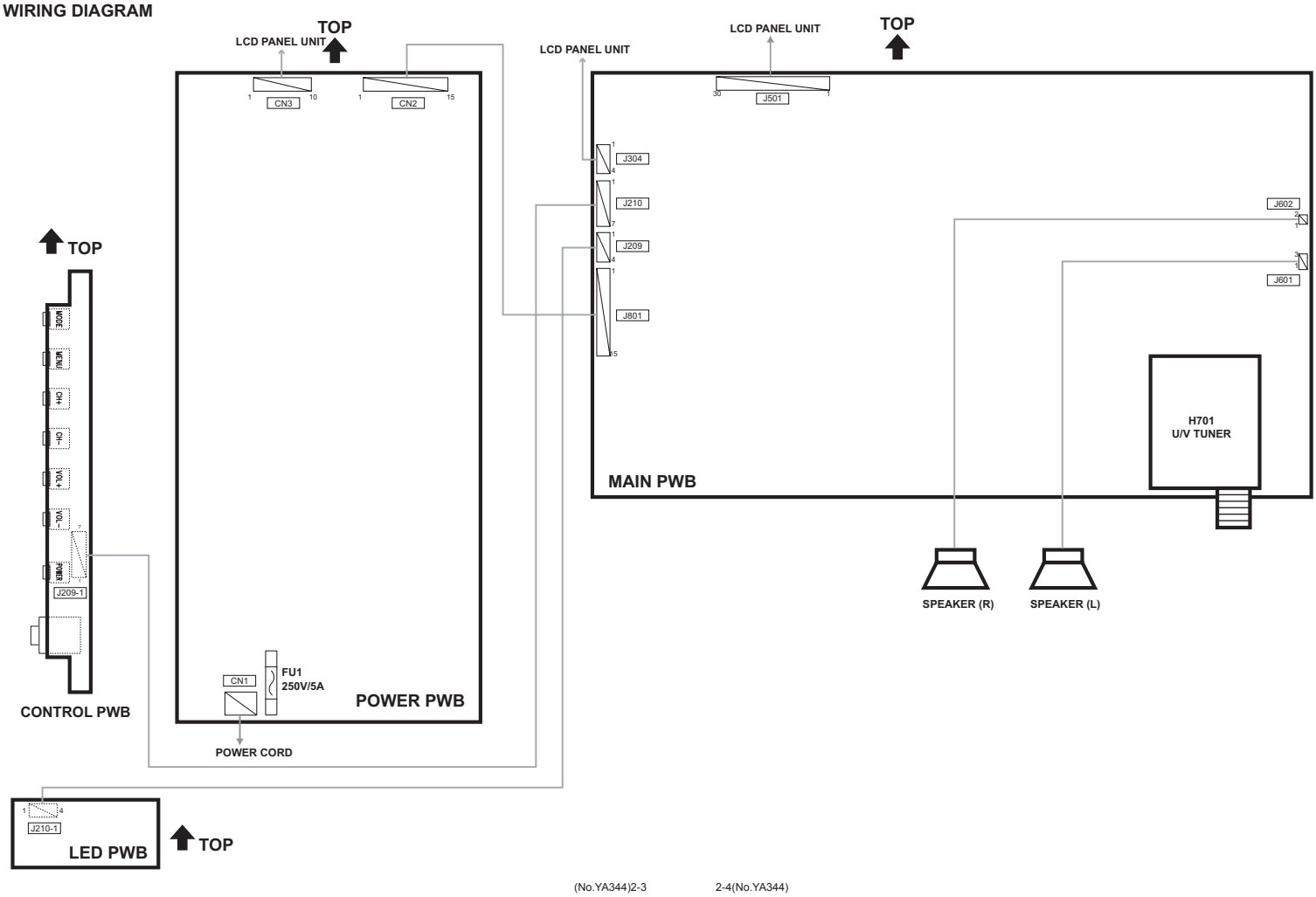
IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW
OUT E IN	IN E OUT	1 → N	1 → N	1 N

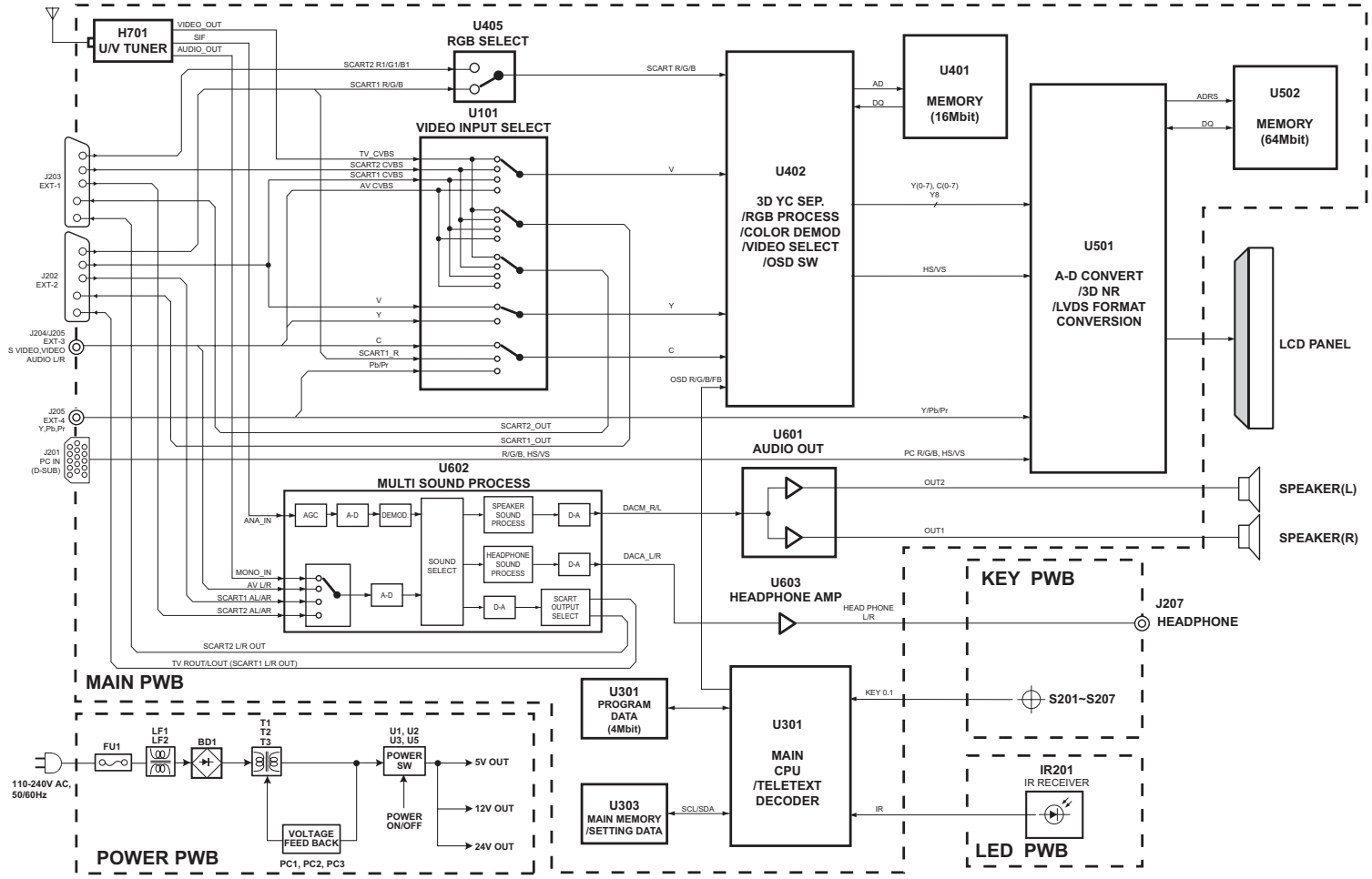
CHIP IC

TOP VIEW		
N 1	1 N	

WIRING DIAGRAM

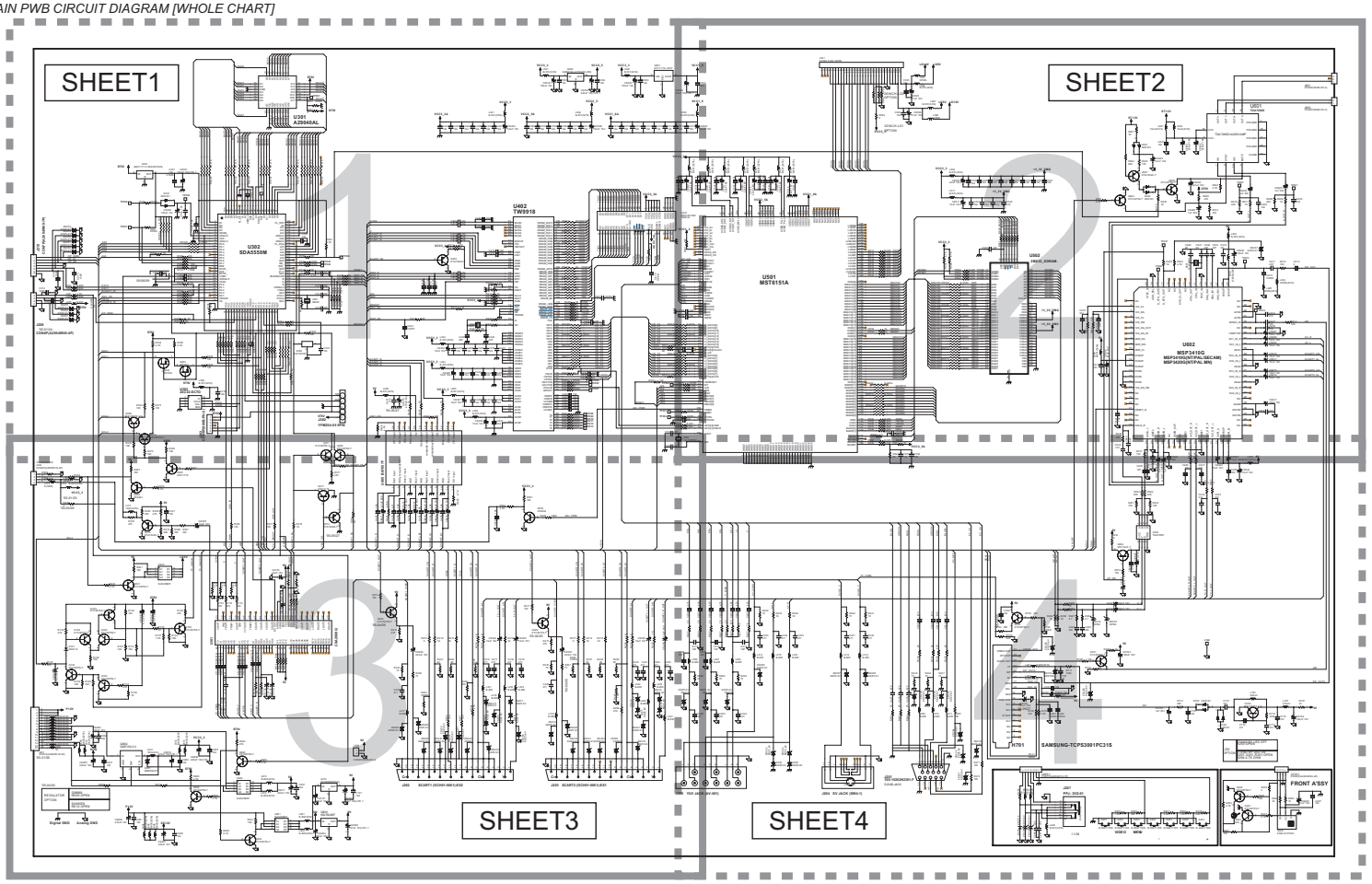


BLOCK DIAGRAM



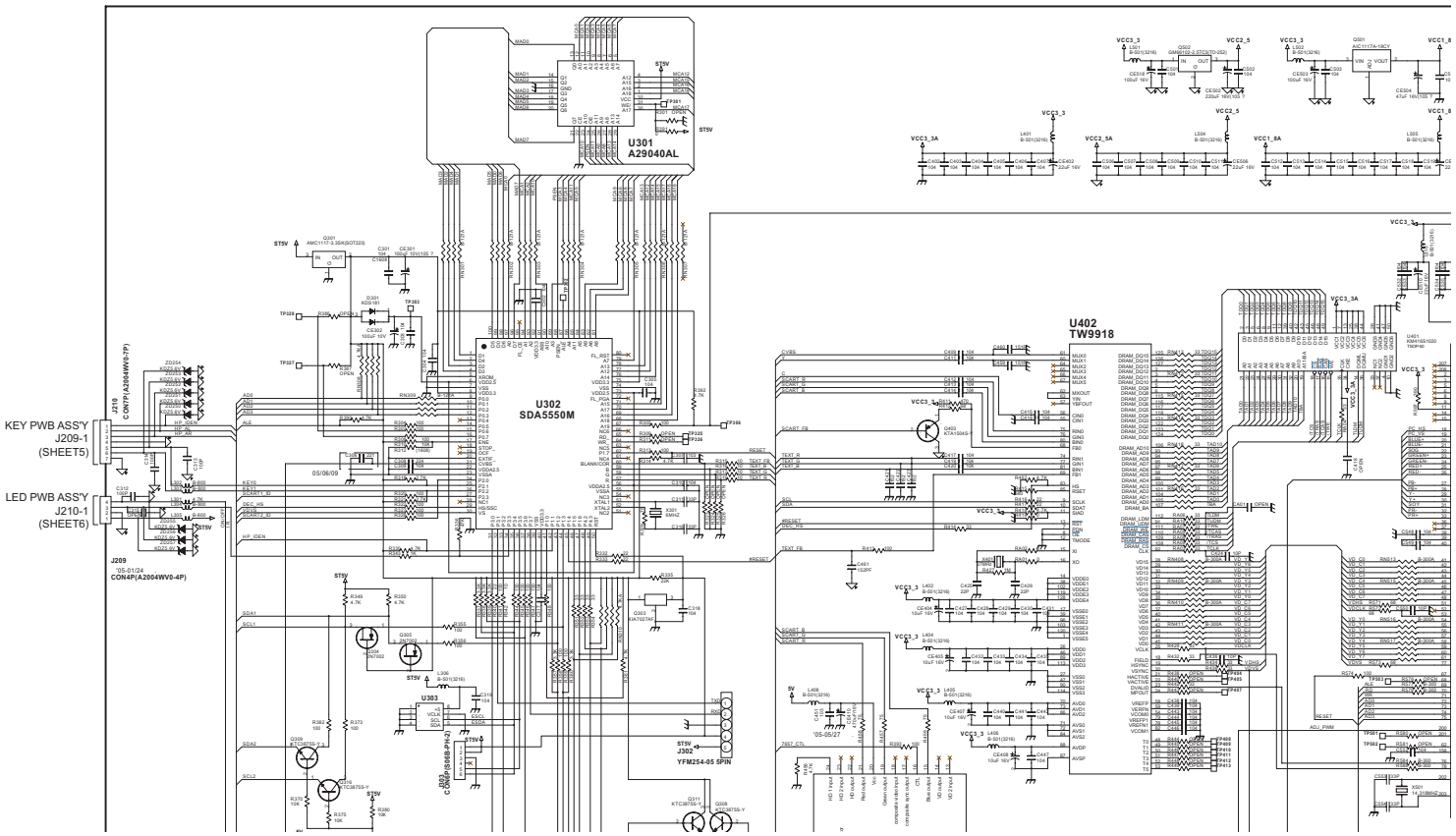
CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM [WHOLE CHART]



Note: Please refer to SHEET1-4 for details of this circuit diagram.

MAIN PWB CIRCUIT DIAGRAM (1/4) SHEET1

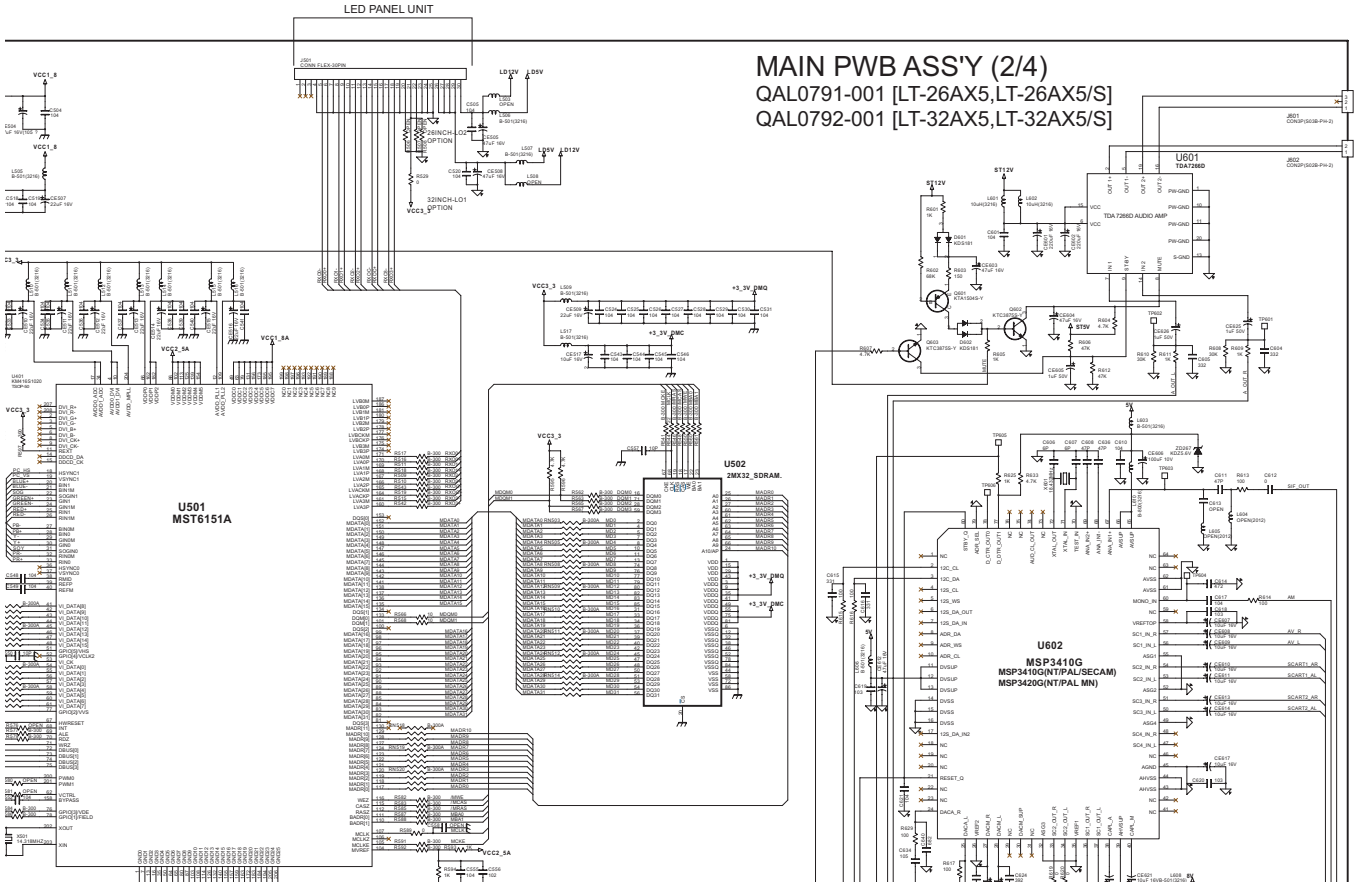


MAIN PWB ASS'Y (1/4)

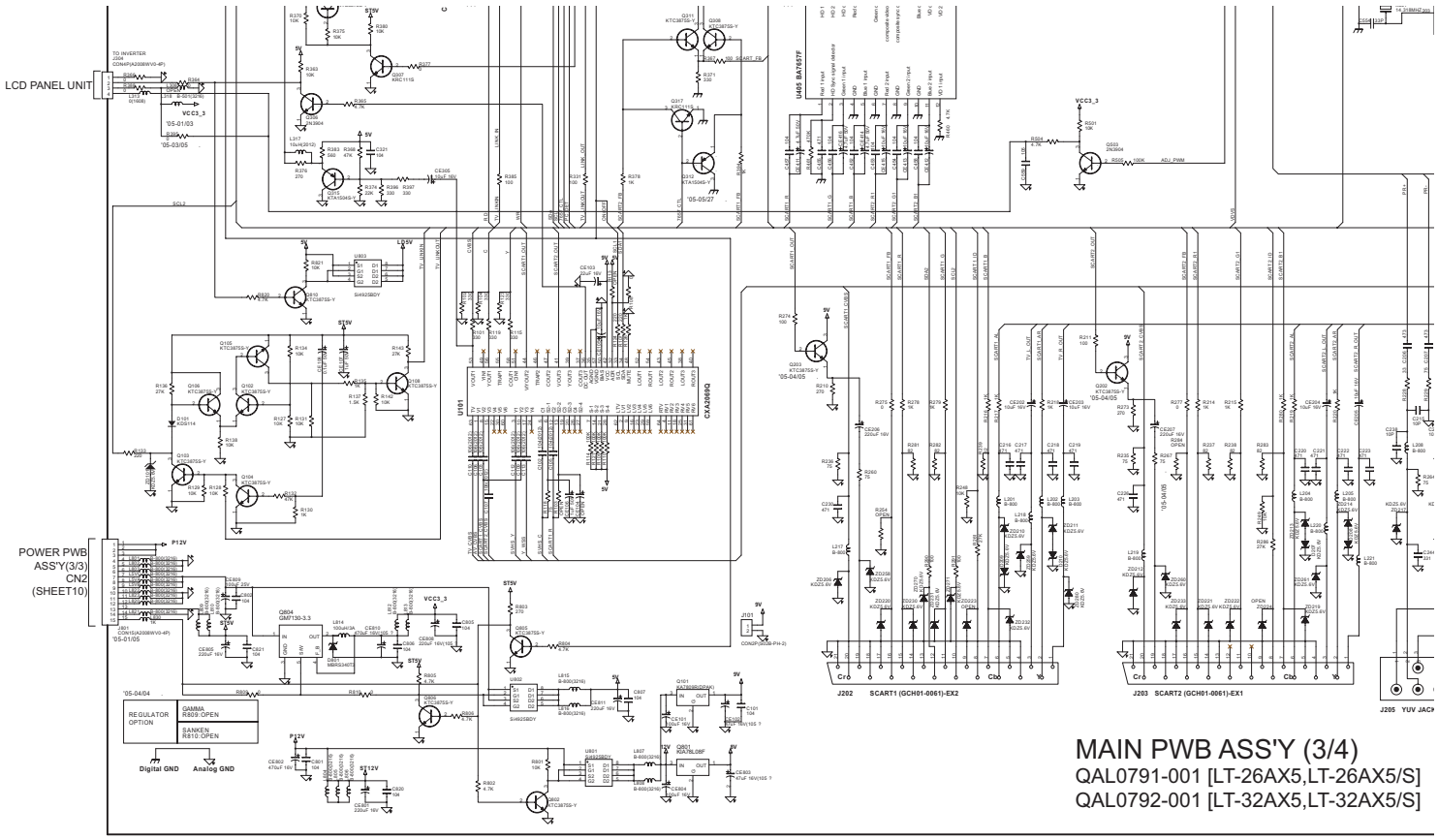
QAL0791-001 [LT-26AX5,LT-26AX5/S]
QAL0792-001 [LT-32AX5,LT-32AX5/S]

NOTE : Refer to the part list for the part number of U303.

MAIN PWB CIRCUIT DIAGRAM (2/4) SHEET2



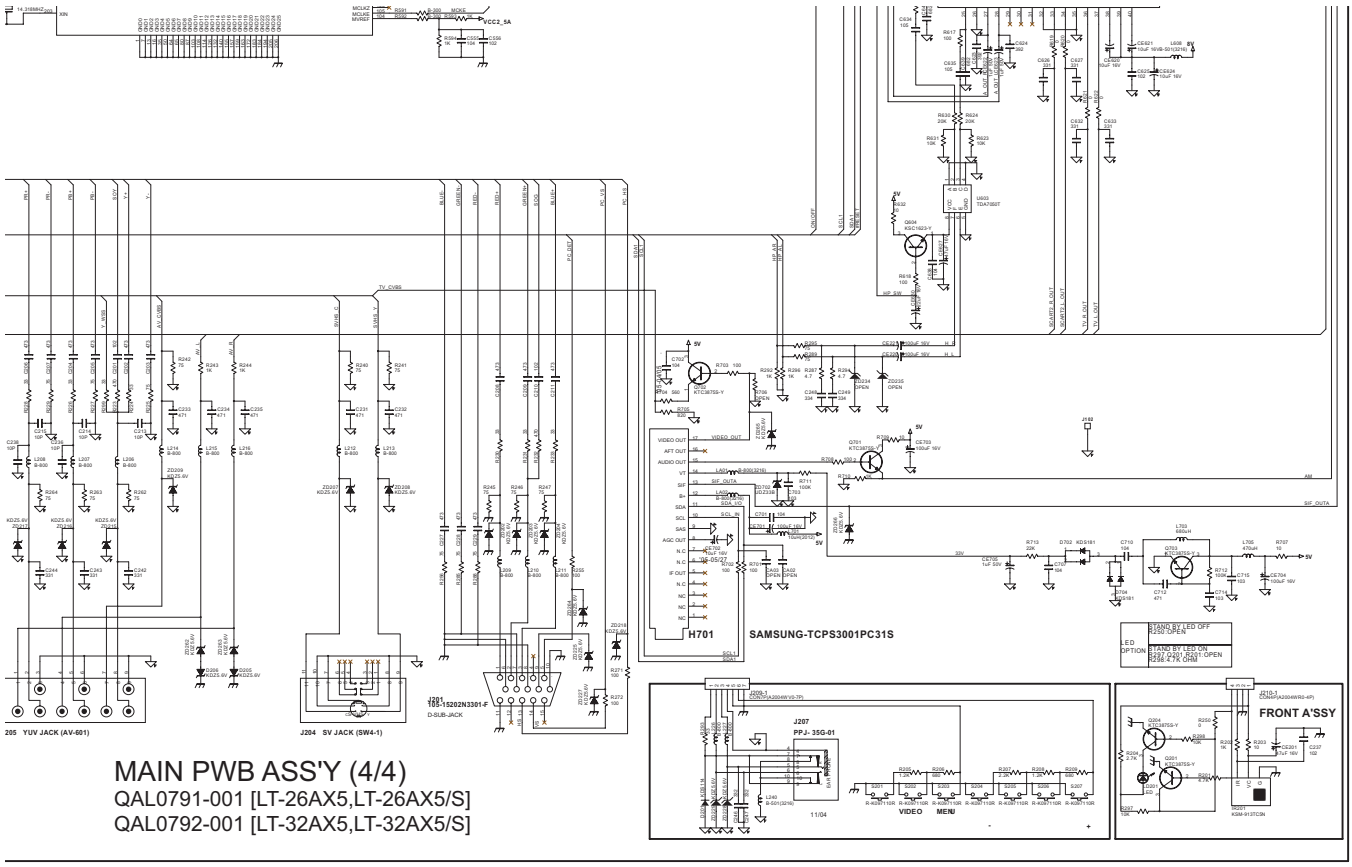
MAIN PWB CIRCUIT DIAGRAM (3/4) SHEET3



MAIN PWB ASS'Y (3/4)

QAL0791-001 [LT-26AX5,LT-26AX5/S]
QAL0792-001 [LT-32AX5,LT-32AX5/S]

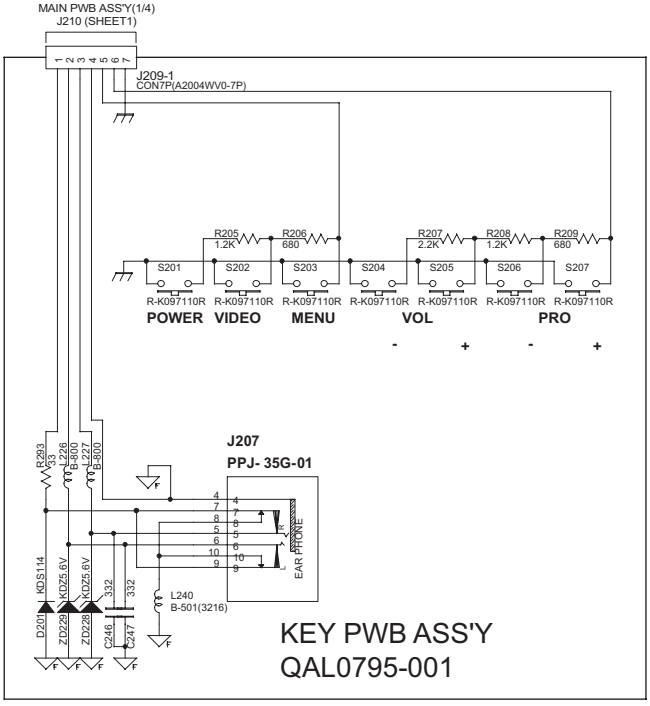
MAIN PWB CIRCUIT DIAGRAM (4/4) SHEET4



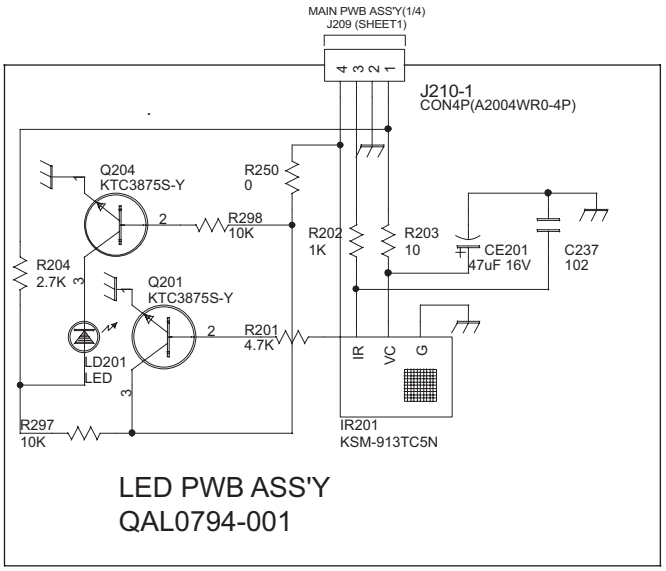
MAIN PWB ASS'Y (4/4)

QAL0791-001 [LT-26AX5,LT-26AX5/S]
QAL0792-001 [LT-32AX5,LT-32AX5/S]

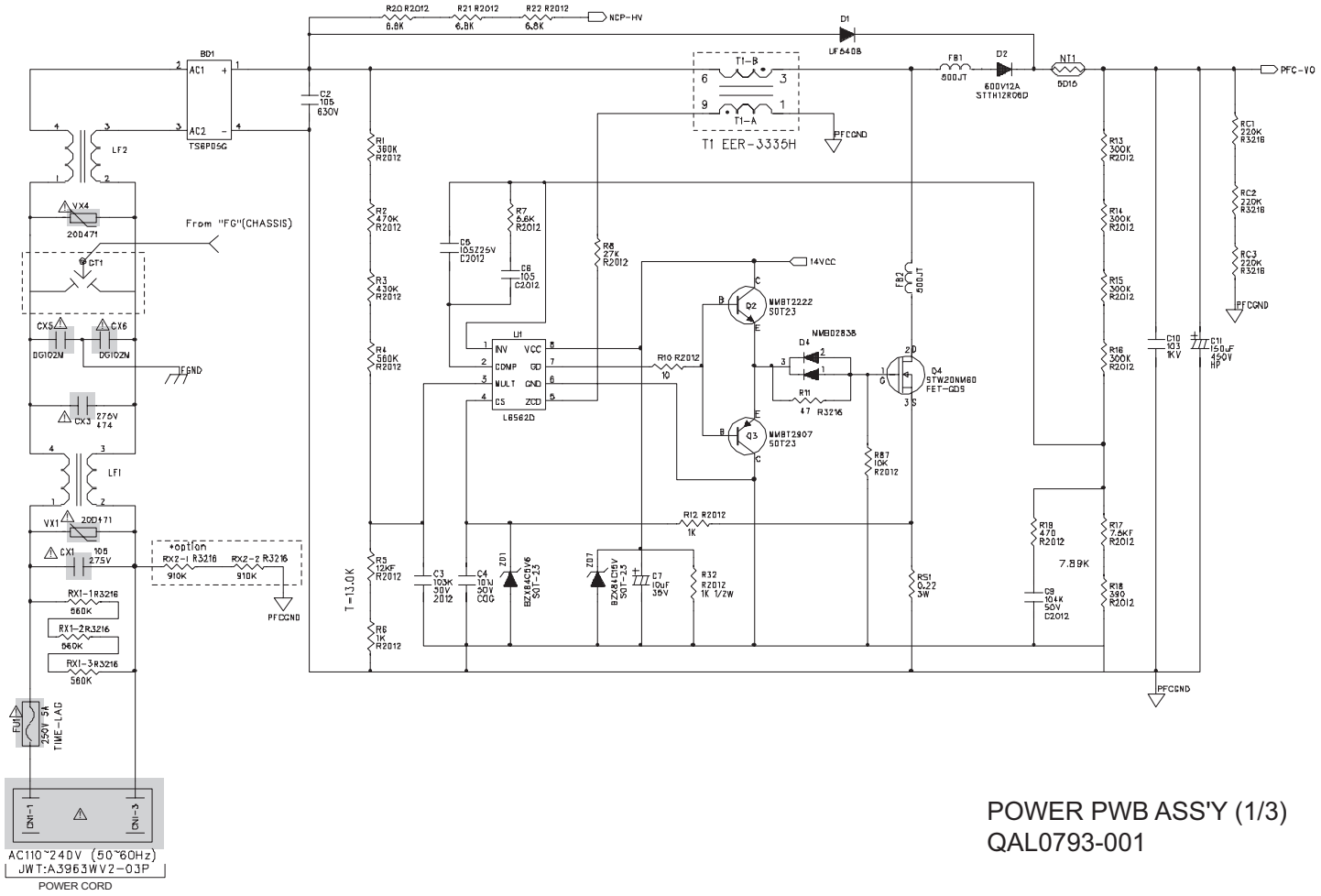
KEY PWB CIRCUIT DIAGRAM SHEET 5



LED PWB CIRCUIT DIAGRAM SHEET 6

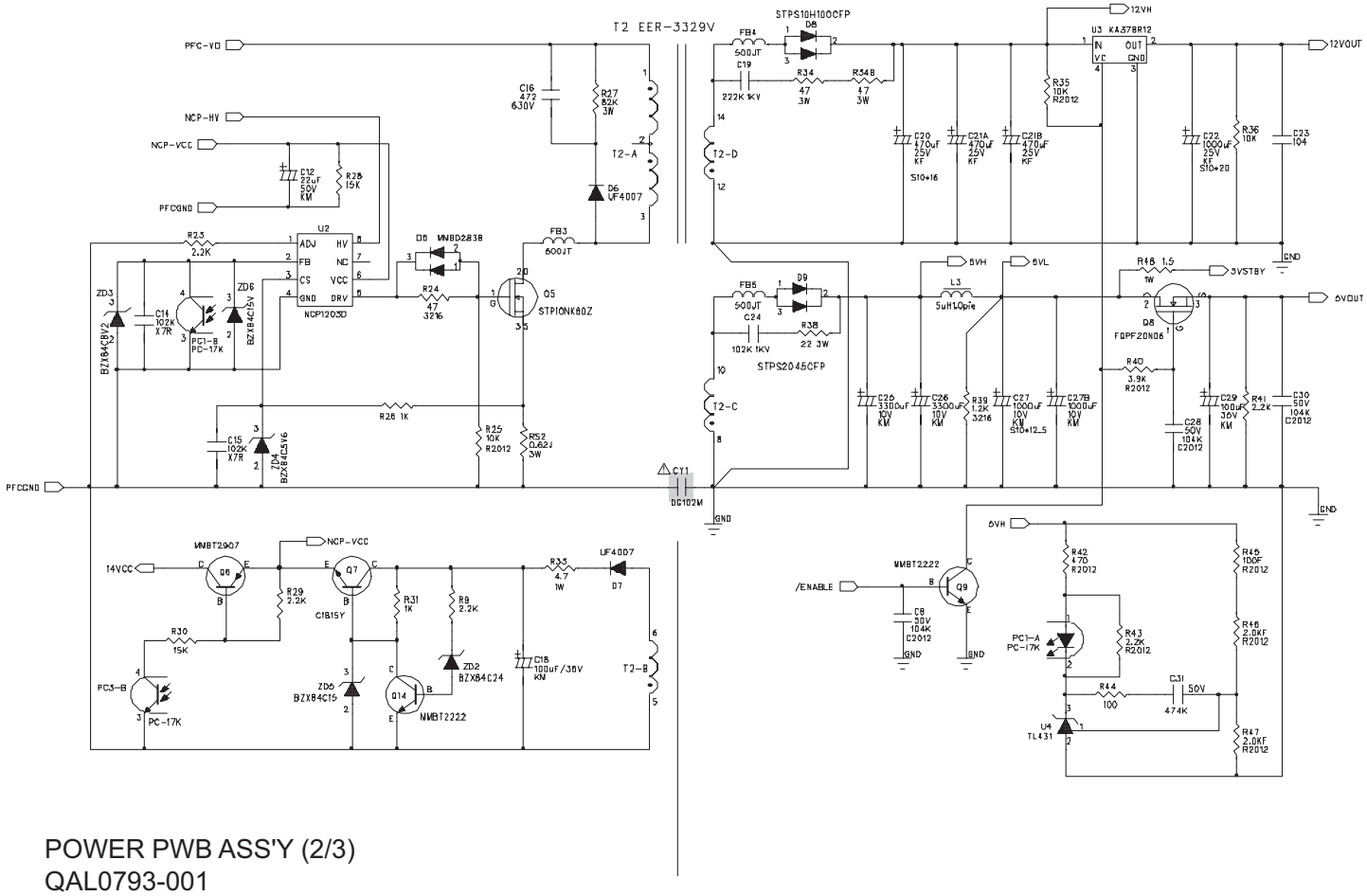


POWER PWB CIRCUIT DIAGRAM (1/3) SHEET 7 [LT-26AX5, LT-26AX5/S]



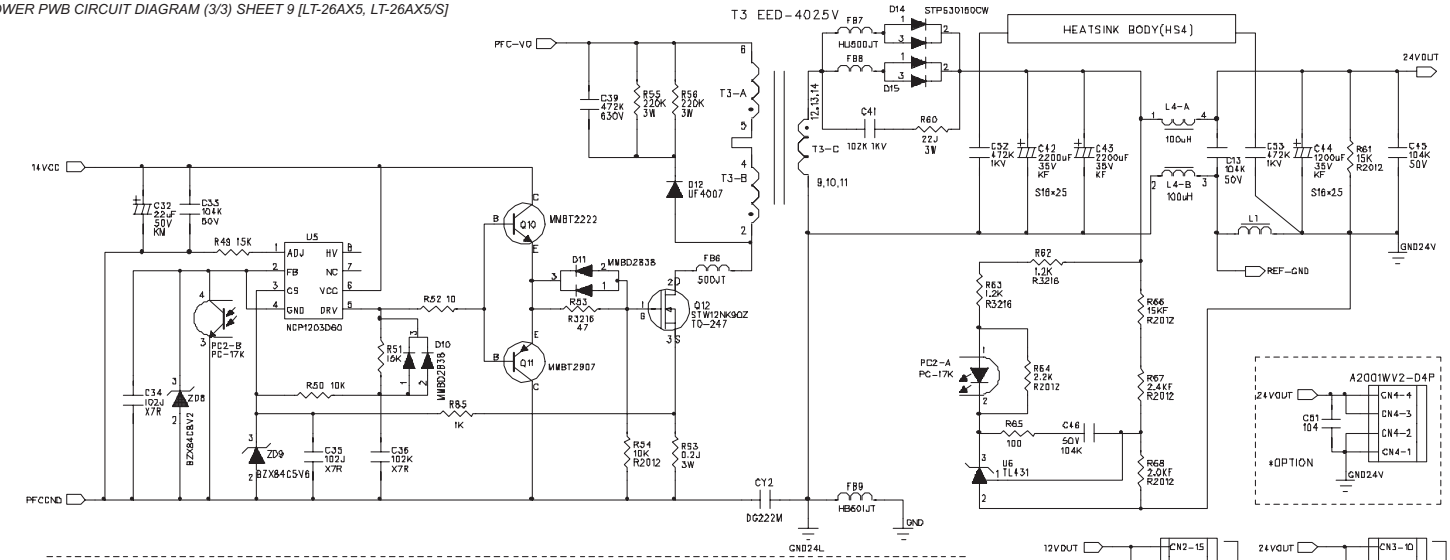
POWER PWB ASS'Y (1/3)
QAL0793-001

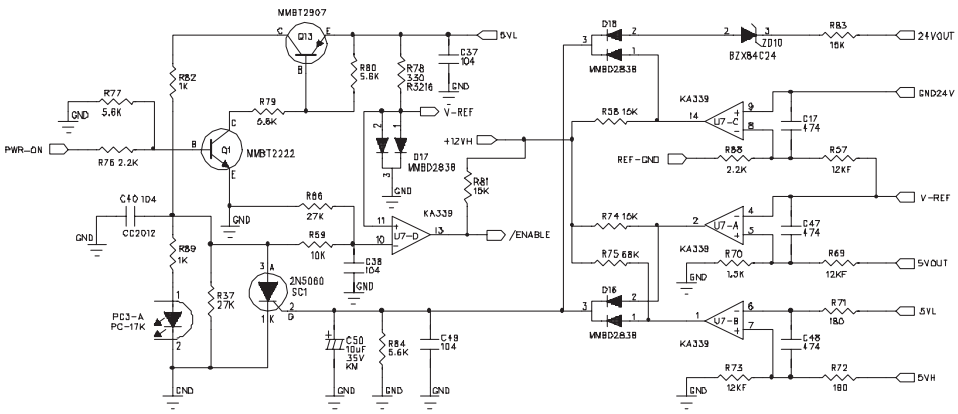
POWER PWB CIRCUIT DIAGRAM (2/3) SHEET 8 [LT-26AX5, LT-26AX5/S]



POWER PWB ASS'Y (2/3)
QAL0793-001

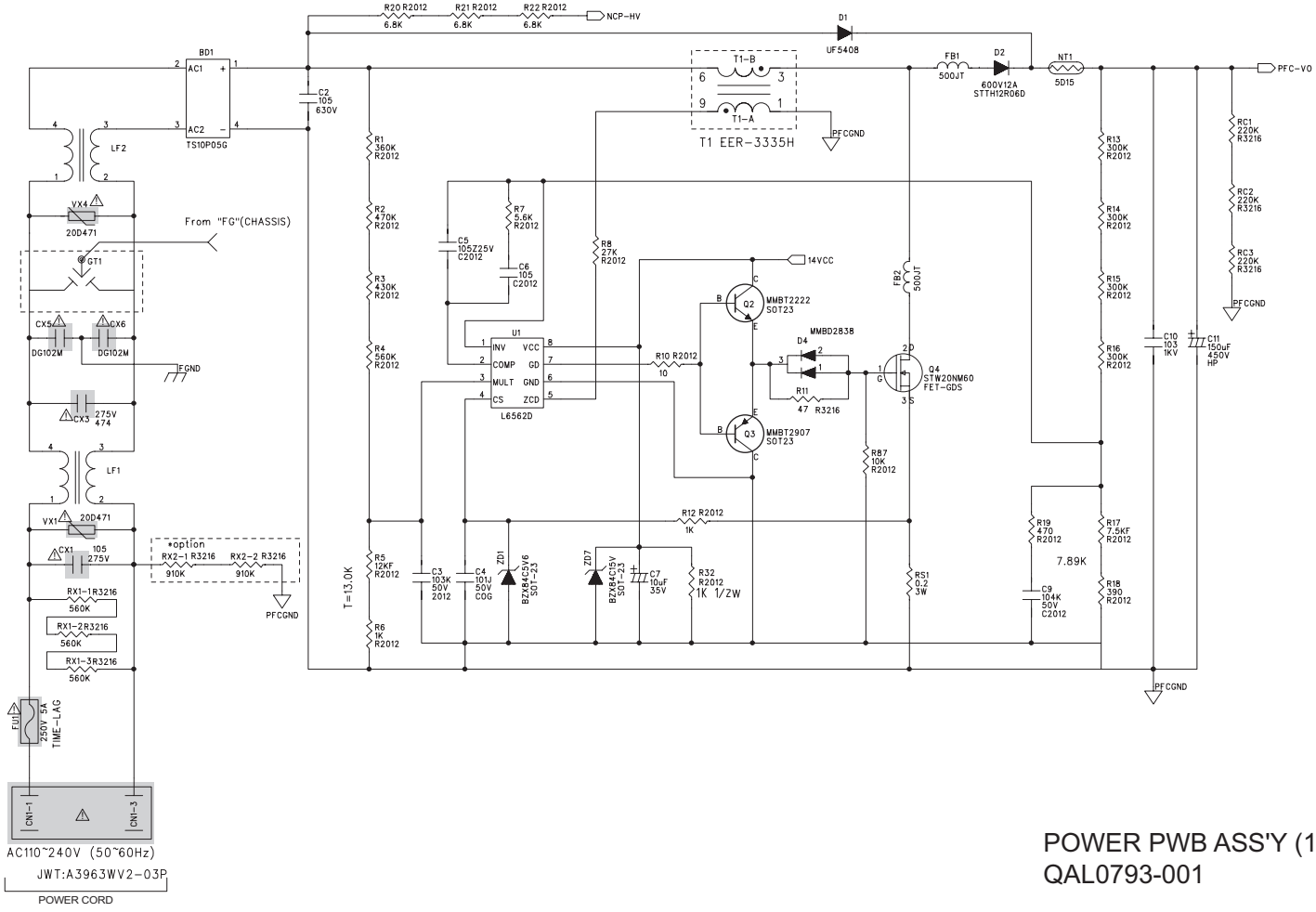
POWER PWB CIRCUIT DIAGRAM (3/3) SHEET 9 [LT-26AX5, LT-26AX5/S]





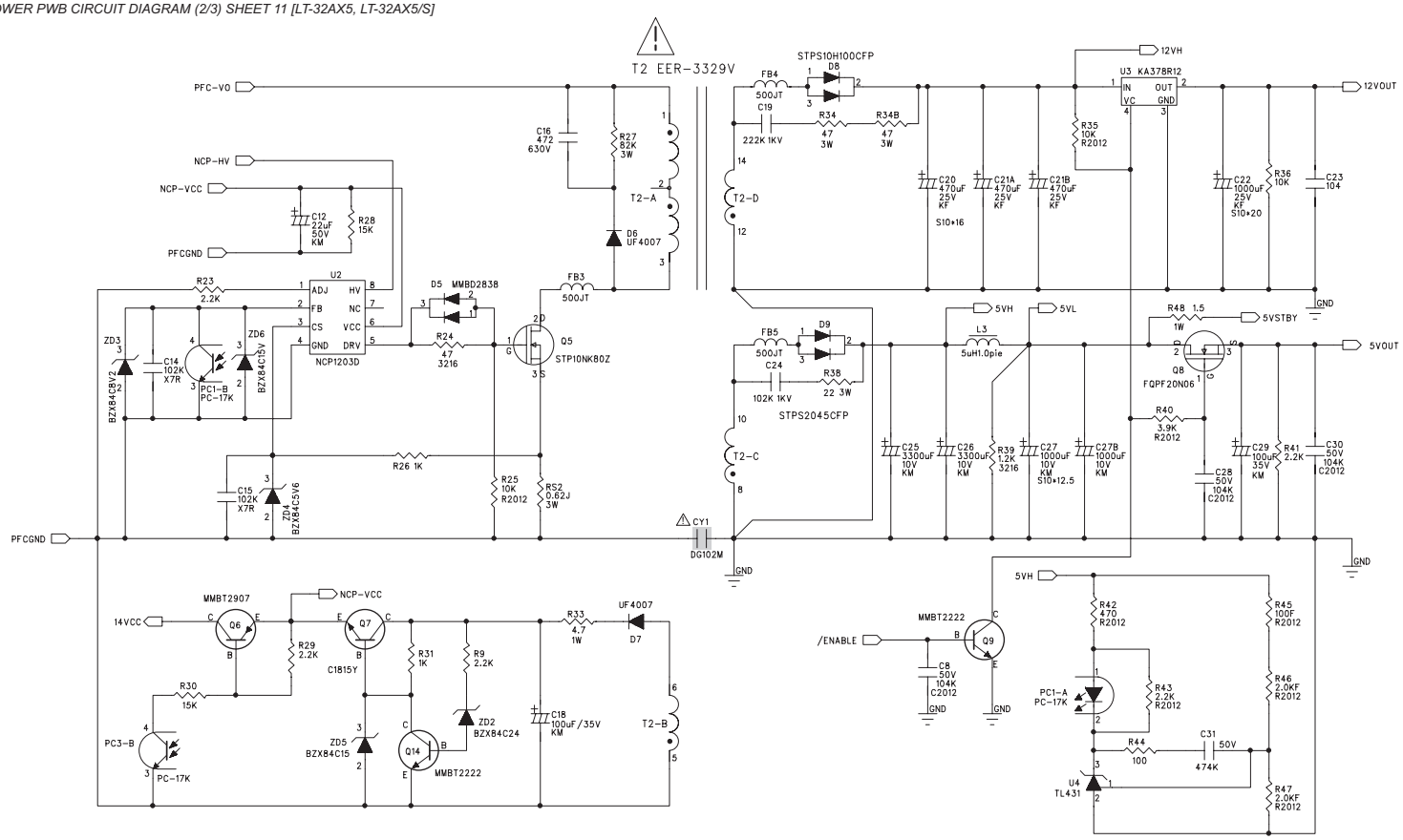
POWER PWB ASS'Y (3/3)
QAL0793-001

POWER PWB CIRCUIT DIAGRAM (1/3) SHEET 10 [LT-32AX5, LT-32AX5/S]



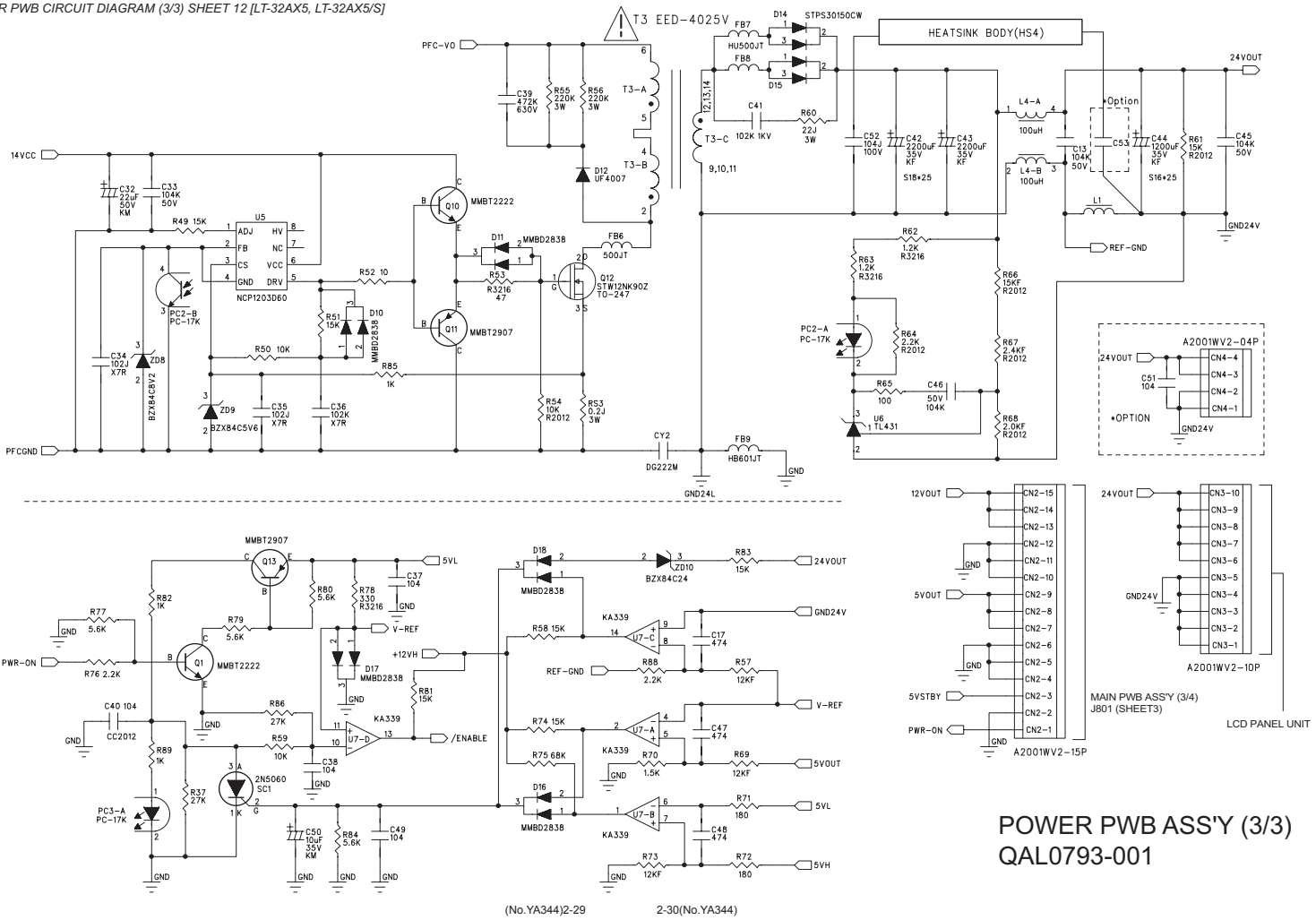
POWER PWB ASS'Y (1/3)
QAL0793-001

POWER PWB CIRCUIT DIAGRAM (2/3) SHEET 11 [LT-32AX5, LT-32AX5/S]



POWER PWB ASS'Y (2/3)
QAL0793-001

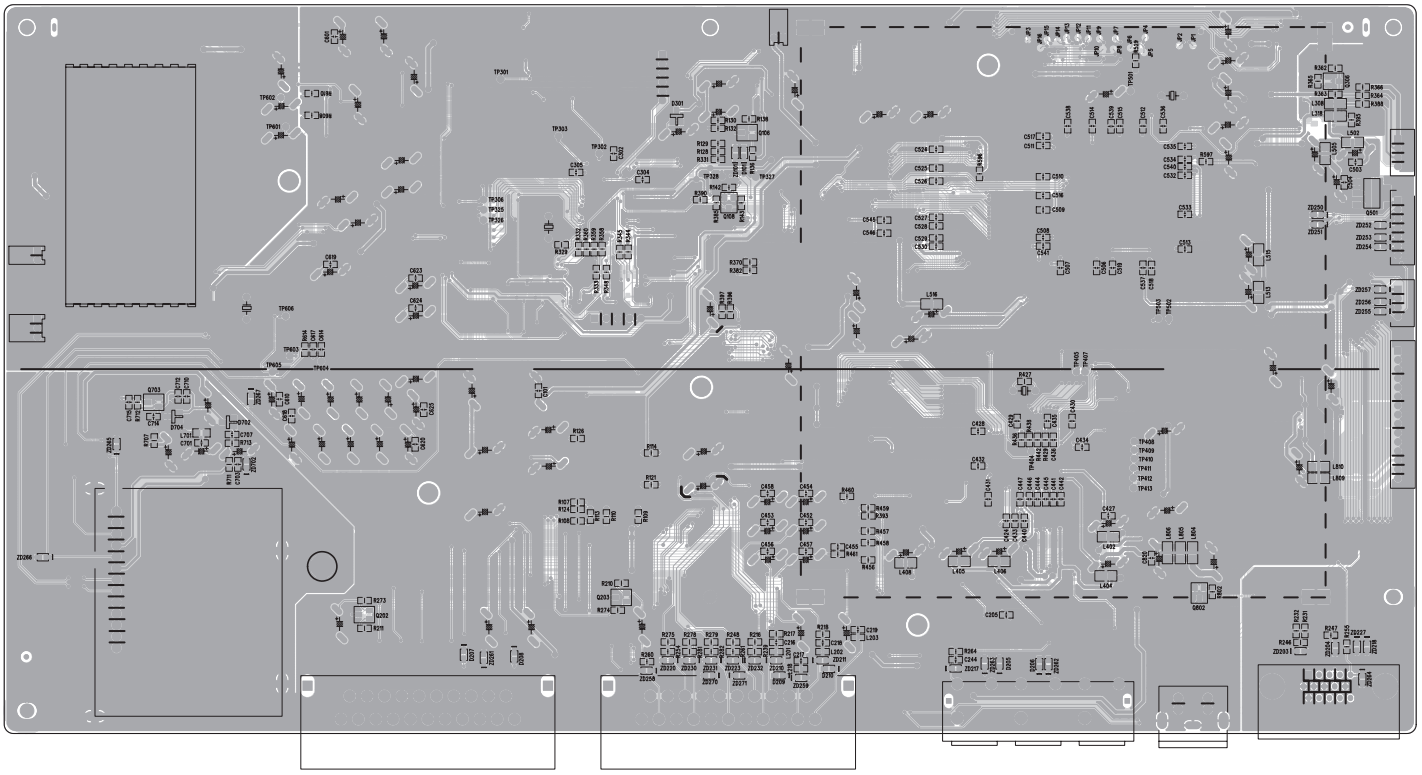
POWER PWB CIRCUIT DIAGRAM (3/3) SHEET 12 [LT-32AX5, LT-32AX5/S]



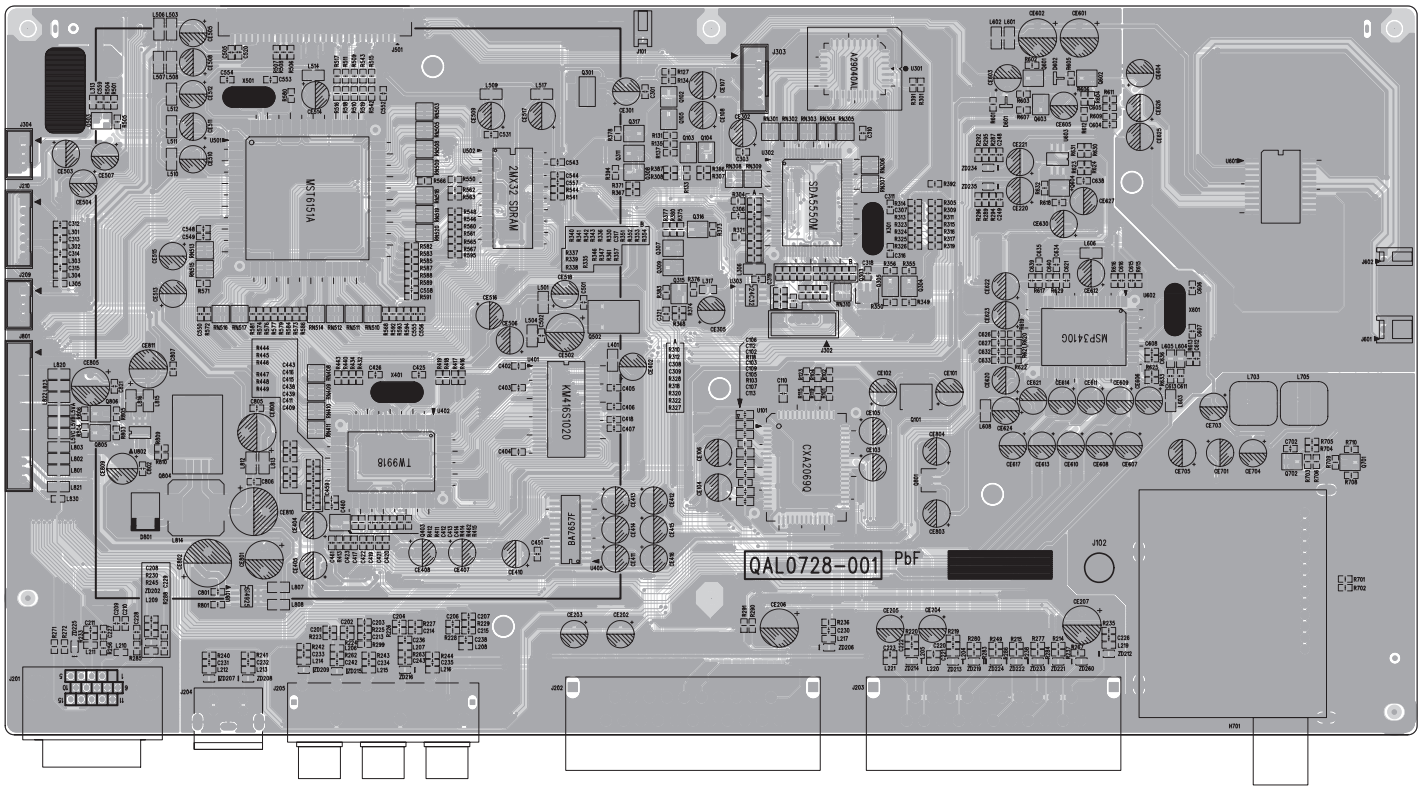
POWER PWB ASS'Y (3/3)
QAL0793-001

PATTERN DIAGRAMS

MAIN PWB PATTERN [SOLDER SIDE]

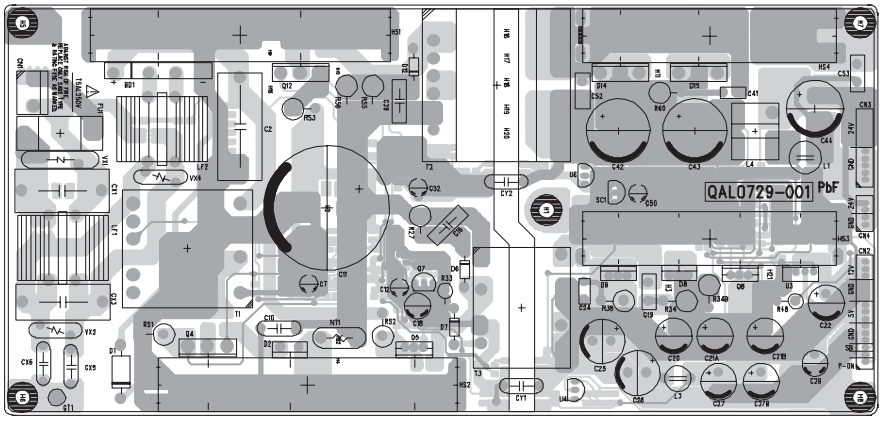


MAIN PWB PATTERN [PARTS SIDE]

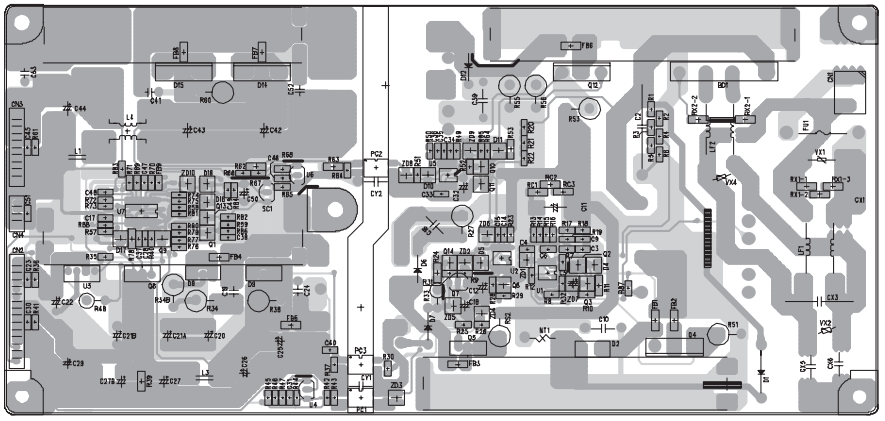


POWER PWB PATTERN [SOLDER SIDE]

TOP

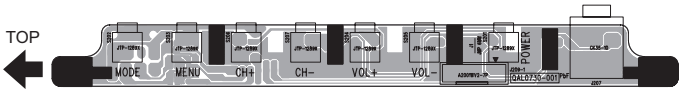


POWER PWB PATTERN [PARTS SIDE]

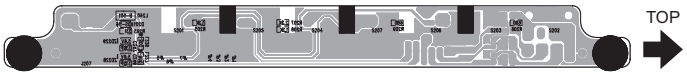


TOP

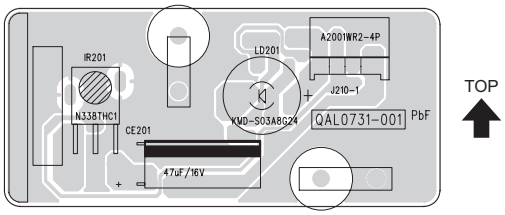
KEY PWB PATTERN [SOLDER SIDE]



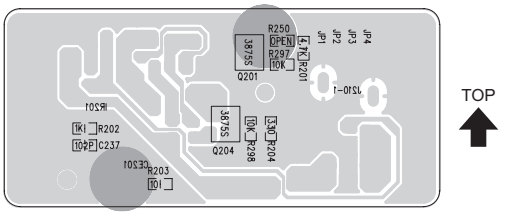
KEY PWB PATTERN [PARTS SIDE]



LED PWB PATTERN [SOLDER SIDE]



LED PWB PATTERN [PARTS SIDE]



VOLTAGE CHARTS

<MAIN PWB>

MODE PIN NO.	DC (V)
U101	
1	3.9
2	4.4
3	3.9
4	4.4
5	4.4
6	0
7	4.8
8	3.9
9	4.4
10	3.9
11	4.4
12	4.4
13	0
14	4.8
15	3.8
16	4.4
17	3.9
18	4.4
19	4.4
20	0
21	4.8
22	3.9
23	4.4
24	3.9
25	4.4
26	4.4
27	0
28	4.8
29	4.2
30	3.9
31	4.4
32	0
33	2.9
34	2.1
35	0
36	0
37	4.4
38	4.4
39	3.7
40	4.5
41	4.6
42	8.9
43	4.5
44	3.5
45	4.5
46	3.6
47	4.4
48	0
49	3.9
50	4.4
51	4.4
52	4.4
53	4.4
54	4.5
55	3.7
56	2.9
57	0
58	3.9
59	4.4
60	3.9
61	4.4
62	4.4
63	4.3
64	4.4
U301	
1	1
2	2.6
3	2.3
4	12.3
5	1.6
6	1.6
7	1.6
8	1.7
9	0.8
10	1.7
11	0.8
12	0
13	0.7
14	1.4
15	1.2
16	1.3
17	1.4
18	0
19	2.5
20	1.6
21	3.1
22	3.2
23	0.3
24	2.4
25	2.5
26	0
27	4.8
28	4.8
29	0
30	0
31	0.2

MODE PIN NO.	DC (V)
32	0.2
U302	
1	1.7
2	1.4
3	0.8
4	0.7
5	0
6	2.5
7	0
8	3.3
9	0
10	0
11	0
12	3.3
13	0
14	0
15	0
16	0
17	3.3
18	3.3
19	0
20	0
21	0.7
22	2.5
23	0
24	0
25	3.0
26	0
27	0
28	0
29	2.9
30	3.1
31	3.3
32	2.9
33	0
34	3.1
35	3.3
36	3.3
37	3.3
38	0
39	0
40	3.3
41	3.3
42	2.5
43	3.3
44	1.2
45	2.1
46	3.3
47	3.3
48	0
49	0
50	0
51	3.3
52	0
53	0
54	2.5
55	0
56	0
57	0.2
58	0.2
59	0.3
60	0
61	0
62	0
63	0
64	0
U402	
1	0
2	0.7
3	0.9
4	0.8
5	0.9
6	0
7	0
8	0
9	2.1
10	0
11	1.4
12	0
13	3.2
14	3.2
15	1.4
16	1.4
17	0
18	1.6
19	2.8
20	3.1
21	3.1
22	2.9
23	2.2
24	0
25	1.6
26	3.2
27	0
28	0.6
29	1.0
30	1.0
31	1.7

MODE PIN NO.	DC (V)
32	1.0
33	1.0
34	1.0
35	1.3
36	1.8
37	0.6
38	3.2
39	0
40	0.6
41	0.5
42	0.6
43	0.6
44	0.5
45	0.5
46	3.2
47	0
48	2.4
49	2.4
50	2.3
51	2.4
52	2.4
53	2.4
54	1.6
55	0
56	2.9
57	1.3
58	2.0
59	1.1
60	0
61	1.4
62	1.5
63	1.4
64	0.2
65	0.3
66	0.3
67	0.2
68	0.9
69	0
70	3.2
71	0
72	1.2
73	0.2
74	0.3
75	0.1
76	0.2
77	1.2
78	1.1
79	1.9
80	0.1
81	1.2
82	1.5
83	2.9
84	0
85	3.2
86	3.2
87	0
88	3.2
89	3.2
90	0
91	0
92	1.4
93	0.4
94	0.5
95	1.1
96	0
97	1.1
98	1.1
99	1.1
100	1.1
101	0.4
102	3.2
103	0
104	0.1
105	0.1
106	0.5
107	1.6
108	2.7
109	2.9
110	2.9
111	3.3
112	0
113	3.2
114	0
115	0.5
116	0.9
117	1.1
118	1.2
119	3.2
120	0
121	1.0
122	1.3
123	1.0
124	1.2
125	0.9
126	0.8
127	0.9
128	3.2

MODE PIN NO.	DC (V)
U405	
1	3.4
2	0
3	3.4
4	0
5	3.4
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	1.9
16	2.5
17	0
18	2.3
19	1.9
20	4.7
21	1.9
22	0
23	3.2
24	3.2
U501	
1	0
2	0
3	3.2
4	3.2
5	3.2
6	3.2
7	0
8	3.2
9	0
10	3.2
11	0
12	3.2
13	0
14	2.1
15	0
16	0
17	3.2
18	0.2
19	2.1
20	0
21	0.3
22	0
23	0.6
24	0.5
25	0.2
26	0
27	0.1
28	0.1
29	0
30	0
31	0
32	0
33	0.3
34	3.2
35	0
36	2.1
37	2.2
38	0.2
39	0
40	0
41	0.4
42	0.4
43	0.4
44	0.4
45	0.7
46	0.5
47	0.8
48	2.4
49	1.7
50	0
51	2.8
52	2.2
53	1.6
54	1.3
55	1.0
56	1.0
57	1.0
58	1.7
59	0.9
60	0.9
61	0.4
62	0
63	1.7
64	0
65	0
66	3.2
67	0
68	2.2
69	0
70	3.3
71	3.3

MODE PIN NO.	DC (V)
72	0
73	0
74	0
75	3.3
76	2.3
77	3.1
78	1.6
79	1.7
80	0
81	0
82	0.2
83	0.3
84	0.2
85	0.4
86	2.5
87	0
88	0.3
89	0.4
90	0.3
91	0.3
92	0.6
93	0.4
94	0.4
95	0.3
96	0.4
97	0.3
98	0.4
99	0.3
100	0
101	0
102	2.5
103	0
104	1.8
105	2.5
106	1.4
107	1.3
108	0
109	3.2
110	1.2
111	1.4
112	0
113	2.5
114	0
115	2.0
116	2.4
117	0.2
118	1.0
119	0.2
120	1.0
121	1.1
122	1.0
123	1.0
124	1.4
125	2.5
126	0
127	0
128	0
129	0
130	0
131	1.7
132	0
133	0
134	0
135	0.2
136	0.2
137	0.3
138	0.7
139	2.4
140	0
141	0.4
142	0.2
143	0.3
144	0.2
145	0.3
146	0.3
147	0.3
148	0.2
149	0.3
150	0.3
151	0.2
152	0.3
153	0
154	2.4
155	0
156	1.7
157	0
158	3.1
159	0
160	1.0
161	1.3
162	3.2
163	0
164	1.2
165	1.2
166	1.1
167	1.3
168	1.1

MODE PIN NO.	DC (V)
169	1.3
170	1.1
171	1.3
172	0
173	1.7
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	3.2
183	0
184	0
185	1.7
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	1.7
196	0
197	0
198	0
199	0
200	0.3
201	1.6
202	1.6
203	1.3
204	3.2
205	0
206	0
207	3.2
208	3.2
U502	
1	3.2
2	0.4
3	3.2
4	0.3
5	0.3
6	0
7	0.4
8	0.4
9	3.2
10	0.3
11	0.4
12	0
13	0.3
14	0
15	3.2
16	0
17	2.3
18	1.9
19	2.5
20	0
21	0
22	1.4
23	1.3
24	0
25	0.3
26	0
27	0.3
28	0
29	0
30	0
31	0.4
32	0
33	0.4
34	0.3
35	3.2
36	0.4
37	0.3
38	0
39	0.4
40	0.3
41	3.2
42	0.6
43	3.1
44	0
45	3.7

MODE PIN NO.	DC (V)
46	0
47	3.7
48	3.7
49	0
50	3.7
51	3.7
52	0
53	3.7
54	3.7
55	0
56	3.7
57	3.7
58	2.6
59	0
60	3.8
61	0
62	0
63	0
64	0
65	4.7
66	4.7
67	1.5
68	1.5
69	0
70	0
71	2.2
72	2.2
73	0
74	2.4
75	0
76	0
77	0
78	0
79	0
80	3.3
U603	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0.3
U801	
1	12.0
2	0
3	12.0
4	0
5	12.0
6	12.1
7	12.1
8	12.0
U802	
1	4.8
2	0
3	4.8
4	0
5	4.7
6	4.7
7	4.7
8	4.7
Q101	
1	12.0
2	0
3	8.9
Q102	
E	4.1
C	1.8
B	2.3
Q103	
E	0
C	4.4
B	0
Q104	
E	0
C	0
B	0
Q105	
E	4.8
C	1.2
B	1.8
Q106	
E	4.1
C	4.8
B	4.7
Q108	
E	0
C	0
B	0.6
Q202	
E	3.6
C	8.9
B	4.6

MODE PIN NO.	DC (V)
Q203	
E	2.7
C	8.9
B	3.4
Q301	
1	0
2	3.3
3	4.8
Q303	
1	3.3
2	0
3	3.3
Q304	
S	3.2
D	2.1
G	2.8
Q305	
S	3.3
D	1.5
G	2.0
Q306	
E	0
B	0.5
H701	
1	NC
2	NC
3	NC
4	NC
5	0
6	0
7	0
8	3.6
9	0
10	2.8
11	2.1
12	4.6
13	0
14	5.7
15	2.4
16	2.0
17	1.5

<LED BOARD SW PWB>

MODE PIN NO.	DC (V)
IR2201	
IR	3.1
VC	4.8
G	0
Q2201	
E	0
C	1.8
B	0
Q204	
E	0
C	0
B	0.7

<POWER PWB>

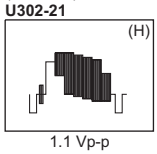
MODE PIN NO.	DC (V)
U1	
1	2.5
C	0
E	1.9
Q11	
B	2.1
Q12	
S	0
D	386.3
G	1.6
Q13	
E	5.0
C	5.0
B	4.1
Q14	
E	0
C	14.9
B	-1.6

MODE PIN NO.	DC (V)
U6	
1	2.5
2	0
3	21.3
U7	
1	0
2	0
3	13.6
4	0.6
5	0.5
6	5.0
7	45.0
8	0
9	0
10	2.1
11	0.6
12	0
13	0
14	0
Q1	
E	0
C	0
B	0.6
Q2	
E	5.2
C	14.1
B	5.0
Q3	
E	5.2
C	0
B	5.0
Q4	
S	0
D	202.6
G	4.5
Q5	
S	0
D	386.1
G	1.2
Q6	
E	14.2
C	14.1
B	13.5
Q7	
E	14.2
C	15.4
B	14.9
Q8	
S	13.6
D	5.0
G	4.8
Q9	
E	0
C	13.6
B	0
Q10	
E	1.9
C	14.1
B	2.0
Q11	
E	1.9
C	0
B	2.1
Q12	
S	0
D	386.3
G	1.6
Q13	
E	5.0
C	5.0
B	4.1
Q14	
E	0
C	14.9
B	-1.6

WAVEFORMS

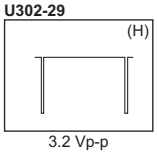
MAIN PWB (1/4)
(SHEET1)

U302-21



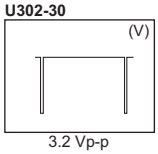
1.1 Vp-p

U302-29



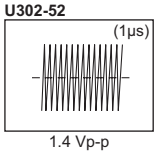
3.2 Vp-p

U302-30



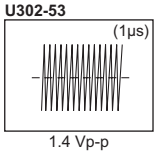
3.2 Vp-p

U302-52



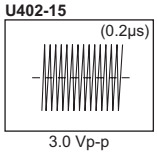
1.4 Vp-p

U302-53



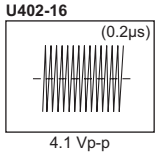
1.4 Vp-p

U402-15



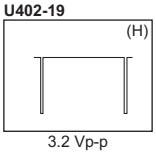
3.0 Vp-p

U402-16



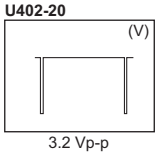
4.1 Vp-p

U402-19



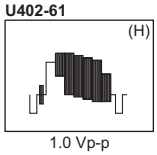
3.2 Vp-p

U402-20



3.2 Vp-p

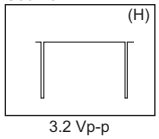
U402-61



1.0 Vp-p

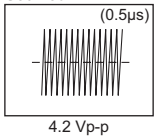
MAIN PWB (2/4)
(SHEET2)

U501-51



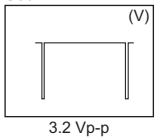
3.2 Vp-p

U501-53



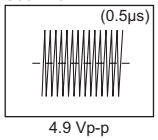
4.2 Vp-p

U501-77



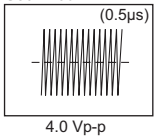
3.2 Vp-p

U501-202



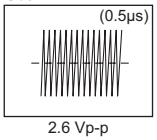
4.9 Vp-p

U501-203



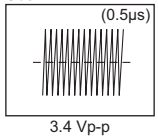
4.0 Vp-p

U602-71



2.6 Vp-p

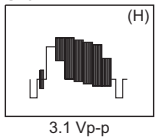
U602-72



3.4 Vp-p

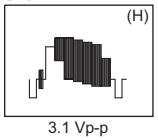
MAIN PWB (3/4)
(SHEET3)

U101-41



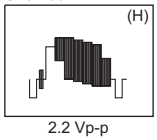
3.1 Vp-p

U101-44



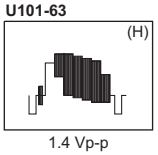
3.1 Vp-p

U101-53



2.2 Vp-p

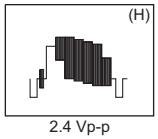
U101-63



1.4 Vp-p

MAIN PWB (4/4)
(SHEET4)

H701-17



2.4 Vp-p

JVC

Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA344)

Printed in Japan
VPT

ENGLISH

LT-32AX5
LT-26AX5

WIDE LCD PANEL TV INSTRUCTIONS

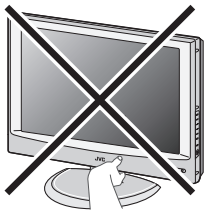
LCT1926-001A-H

Thank you for buying this JVC LCD flat television.
To make sure you understand how to use your new TV, please read this manual thoroughly before you begin. ("LCD" stands for Liquid Crystal Display.)

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

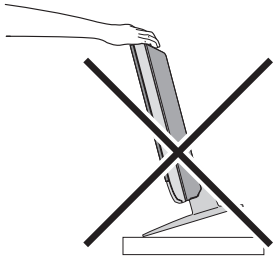
WARNING

- Fingers may be trapped under the TV causing injuries. Hold the TV at the bottom in the middle, and do not allow it to tilt up or down.



WARNING

- The TV may fall causing injuries. Hold the bottom of the stand with your hand and tilt the TV up and down.
- Do not allow children to hang from the TV, place their elbows on the TV or lean against the TV. Doing so may cause the TV to fall over and lead to injuries.



CAUTION

- The TV screen may be damaged if the TV is carried as shown in the diagram below.
  The TV should always be carried by two people.

CAUTION:

- Operate only from the power source specified (AC 110 – 240 V, 50/60 Hz) on the unit.
- Avoid damaging the AC plug and power cord.
- When you are not using this unit for a long period of time, it is recommended that you disconnect the power cord from the main outlet.

DO NOT block the TV's ventilation openings or holes.
(If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)

DO NOT place anything on top of the TV.
(such as cosmetics or medicines, flower vases, potted plants, cups, etc.)

DO NOT allow objects or liquid into the cabinet openings.
(If water or liquid is allowed to enter this equipment, fire or electric shock may be caused.)

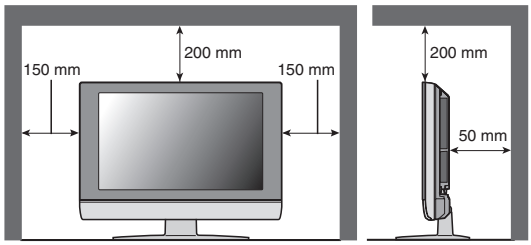
DO NOT place any naked flame sources, such as lighted candles, on the TV.

DO NOT subject the TV to direct sunlight.

If there is a fault, unplug the unit and call a service technician. Do not attempt to repair it yourself or remove the rear cover.

Distance recommendations

Avoid improper installation and never position the unit where good ventilation is impossible.
When installing this TV, distance recommendations must be maintained between the set and the wall, as well as inside a tightly enclosed area or piece of furniture.
Keep to the minimum distance guidelines shown for safe operation.



ENGLISH

Pixel defects

LCDs use collections of fine points (“pixels”) to display images. While there is no problem with more than 99.99% of these pixels, please understand that a very small number of pixels may not light, or may light all the time.

The surface of the TV screen is easily damaged. Be very careful with it when handling the TV.
Should the TV screen become soiled, wipe it with a soft dry cloth. Never rub it forcefully.
Never use any cleaner or detergent on it.

■ Cleaning the screen

The screen is coated with a special thin film to reduce reflection. If this film is damaged, uneven colours, discolouration, scratches, and other problems that cannot be repaired may occur. Pay attention to the following when handling the screen.

- Do not use glue or adhesive tape on the screen.
- Do not write on the screen.
- Do not allow the screen to come in contact with any hard objects.
- Do not allow condensation to form on the screen.
- Do not use alcohol, thinner, benzene or other solvents on the screen.
- Do not rub the screen hard.

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Setting up your TV

- When you install the TV on the wall, only use a JVC wall mounting unit (optional) which is designed for this TV.
- Make sure that the TV is installed on the wall by a skilled installer.

Installation

Cautions for installation

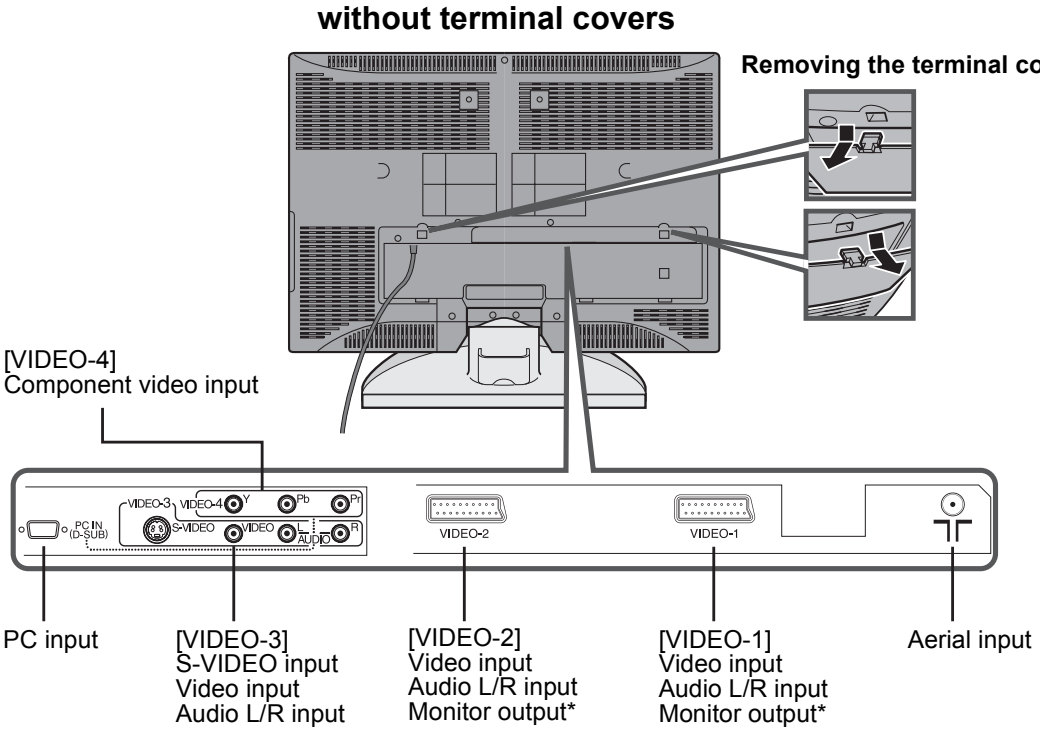
- Install the TV in a corner on a wall or on the floor so as to keep cords out of the way.
- The TV will generate a slight amount of heat during operation. Ensure that sufficient space is available around the TV to allow satisfactory cooling. See “Distance recommendations” on page 2.

Connecting other devices

Connect the equipment to the TV, making the correct rear panel and front panel connections.

Before connecting anything

- Read the manuals that came with the equipment. Depending on the equipment, the connection method may be different from the diagram. Also, the equipment settings may need to change depending on the connection method.
- Turn off all the equipment including the TV.
- The “Specifications” on page 38 give the details of the VIDEO terminals.

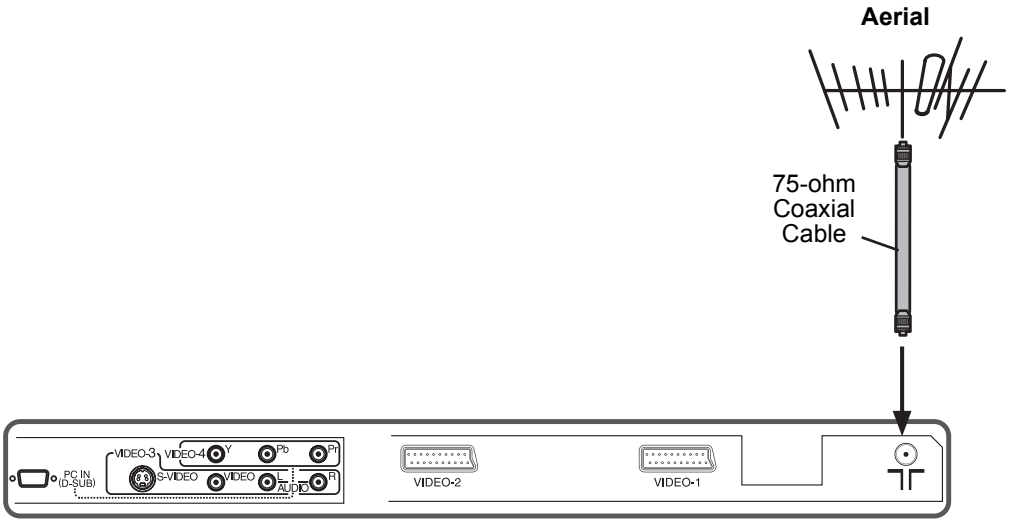


* Monitor output: Output the images and sounds you are viewing.

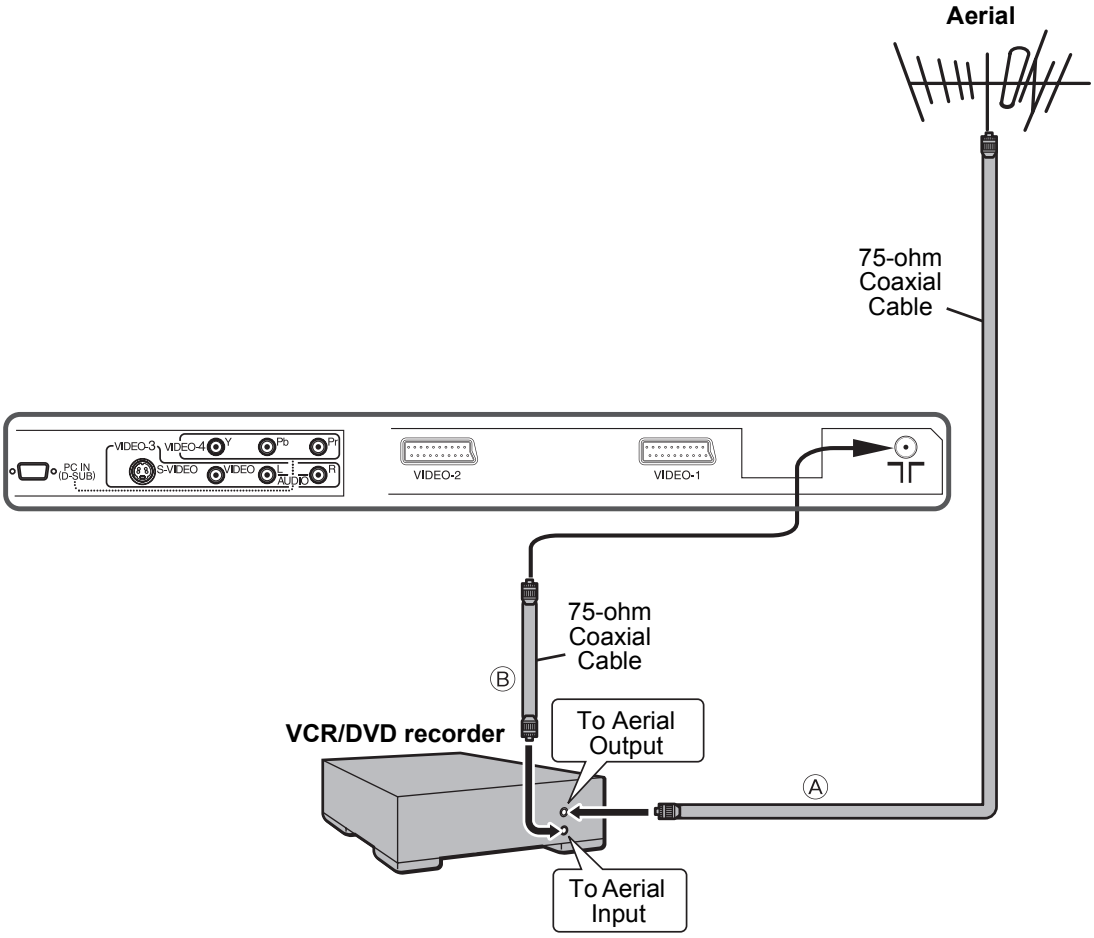
■ Connecting the aerial

• The connecting cables are not provided.

If you are not connecting a VCR/DVD recorder.



If you are connecting a VCR/DVD, follow Ⓐ → Ⓑ in the diagram below.



■ Connecting to the VIDEO-1/VIDEO-2 terminal (video input/monitor output)

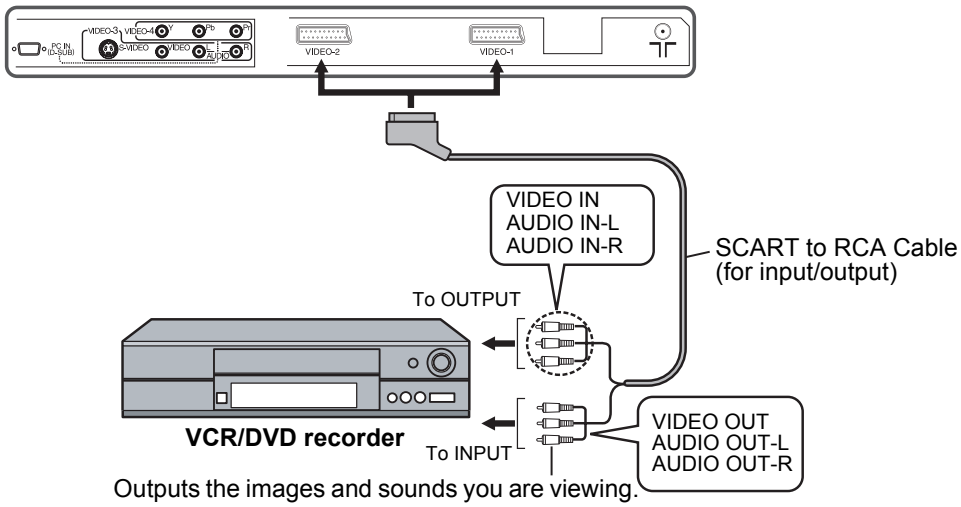
To play the VCR/DVD player:

Connect the TV to the VCR/DVD player with the supplied SCART to RCA cable (for input/output).

Monitor output from the VIDEO-1/VIDEO-2 terminal

The video/sound signal you are viewing is always output from the VIDEO-1/VIDEO-2 terminal.

- Changing over a programme number (PR) also changes over the monitor output from the VIDEO-1/VIDEO-2 terminal.
- The PC signal cannot be output.
- Teletext programmes cannot be output.

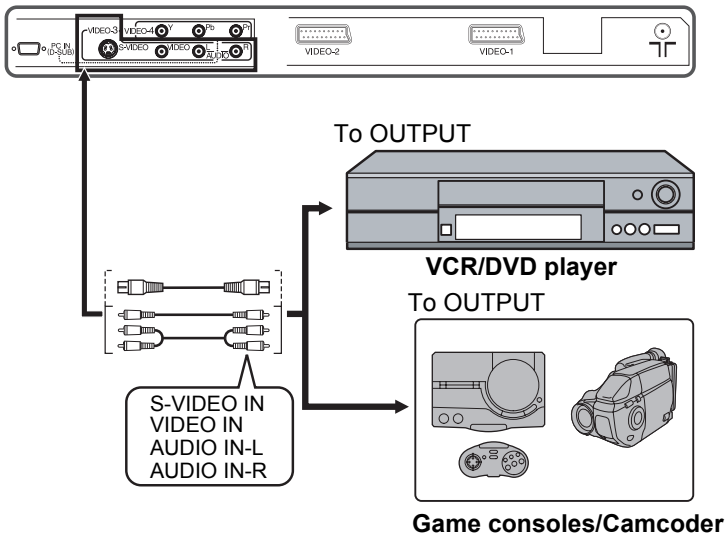


■ Connecting to the VIDEO-3 terminal (S-VIDEO or video input)

To play the VCR/DVD player:

Connect the TV to the VIDEO-3 terminal of the VCR/DVD player.

- You can choose between an S-VIDEO signal (Y/C signal) and a normal video signal (composite signal). For details of how to operate the equipment, see “VIDEO-3 SETTING” on page 33.
- You can also connect game consoles and camcorder.

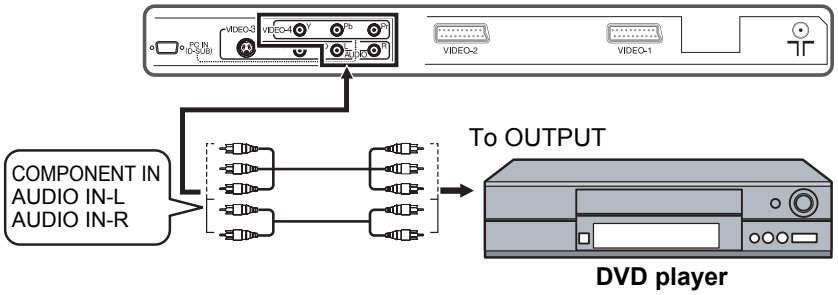


■ Connecting to the VIDEO-4 terminal (component video input)

To play the DVD player:

Connect the TV to the VIDEO-4 terminal of the DVD player.

- Audio is shared between the VIDEO-3 and VIDEO-4 terminal.

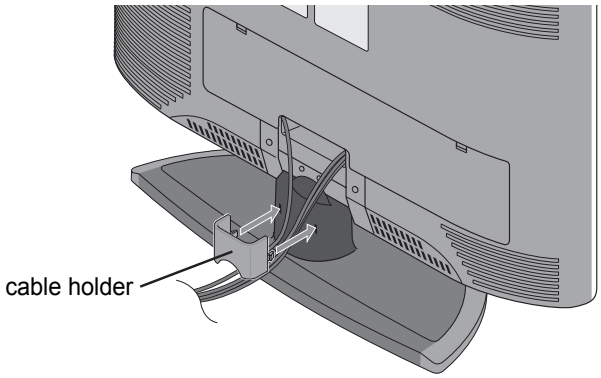


■ Connecting the PC

For details, see “Connecting to the computer” on page 34.

Cable holder

A cable holder which is used to keep the connection cables tidy is attached to the back of the stand. Gently squeeze the left and right of the cable holder and pull it to remove it from the stand. After putting the cables in the cable holder, attach it to the back of the stand again.



Connecting the power cord to the AC outlet

Insert the AC plug on the power cord from the TV into AC outlet.

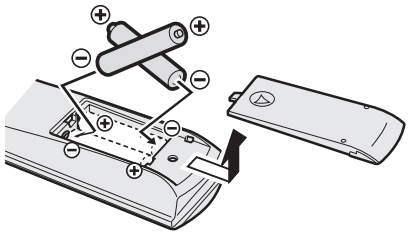
Caution

- Operate only from the power source specified (AC 110 – 240 V, 50/60 Hz) on the unit.

- Remove the AC plug from the outlet to completely disconnect the TV from the power supply.

Putting the batteries into the remote control

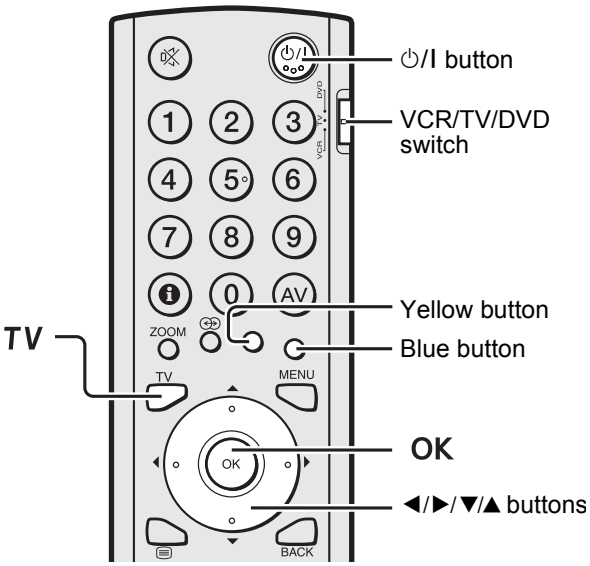
Use two AA/R6 dry cell batteries.
Insert the batteries from the ⊖ end, making sure the ⊕ and ⊖ polarities are correct.



- The batteries we supply are only for setting up and testing your TV, please replace them as soon as you need to.

Initial settings

When the TV is first turned on, it goes into the initial settings mode, and you will see the JVC logo. Follow the instructions on the screen display to make the initial settings.



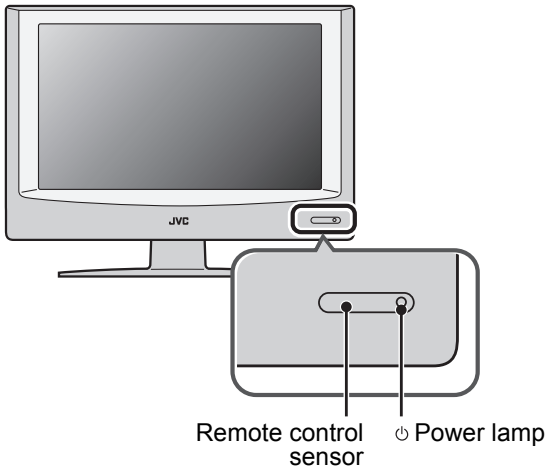
1 Make sure to set the VCR/TV/DVD switch on the remote control to the TV position

- You cannot turn the TV on when the VCR/TV/DVD switch is set to the DVD position.

2 Press the ⏻/I button on the remote control

The TV turns on from standby mode and the JVC logo is displayed.

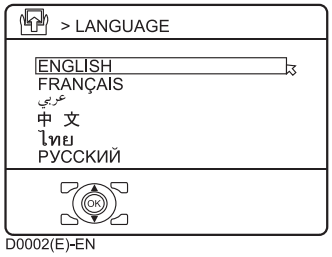
- Check that the AC plug on the power cord from the TV is connected to AC outlet.



- If the JVC logo does not appear this is because your TV has already been turned on for the first time: use the “LANGUAGE”, “TELETEXT LANGUAGE” and “AUTO PROGRAM” functions to make the initial settings. For details, see “SET UP menu” on page 29.

3 Press the OK button

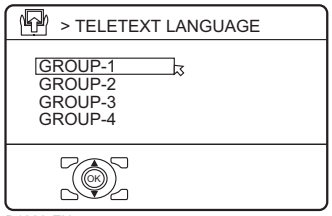
The LANGUAGE menu appears.



D0002(E)-EN

4 Press the ▼/▲ buttons to choose ENGLISH. Then press the OK button

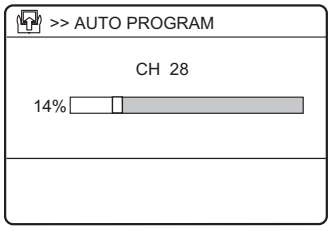
The TELETEXT LANGUAGE menu appears. Set the teletext language group that corresponds to the language of the teletext programme that you want to watch. For details, see “TELETEXT LANGUAGE” on page 33.



D1003-EN

5 Press the ▼/▲ buttons to choose a group. Then press the OK button

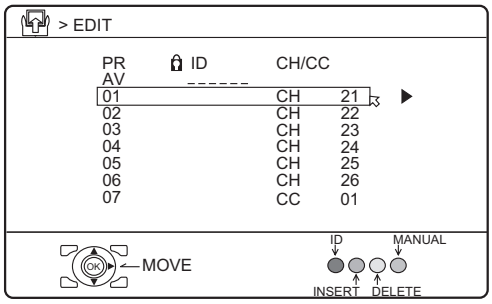
The AUTO PROGRAM function starts. The TV channels you receive are automatically stored in the programme numbers (PR) list.



D0004-EN

- To stop the AUTO PROGRAM function, press the **BACK** button.

6 After the TV channels have been registered in the programme numbers (PR), the EDIT menu appears

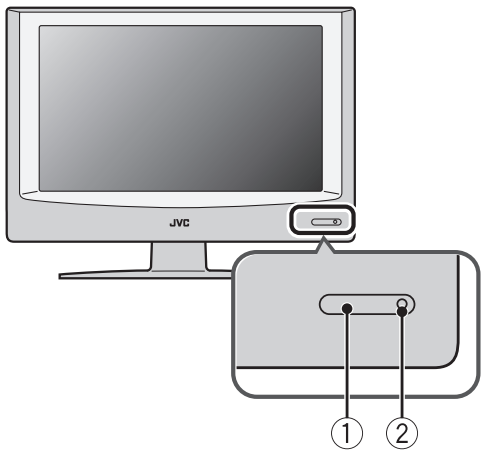


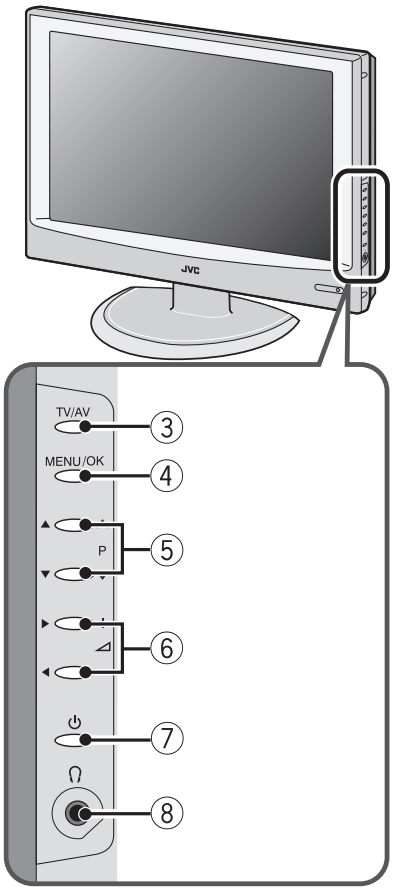
D0038-EN

- You can proceed to edit the programme numbers (PR) list using the EDIT/MANUAL function. For details, see “EDIT/MANUAL” on page 29.
- If a TV channel you want to view is not stored in the programme numbers (PR) list, you can register it using the MANUAL function. For details, see “EDIT/MANUAL” on page 29.
- The AUTO PROGRAM function does not store a TV channel to the programme number PR 0 (AV).
- If you do not need to use the EDIT/MANUAL function, press the **OK** button to close the EDIT menu.

Now, setting up is complete. Please enjoy your new JVC TV!

TV buttons and functions





Refer to the pages in parentheses for details.

① Remote control sensor
② Power lamp (page 8)
③ TV/AV button (page 10)
④ MENU/OK button (pages 11, 22)
⑤ P ∨/∧ buttons (page 10)
⑥ ◿ (Volume) −/+ buttons (page 11)
⑦ ⏻ (Stand by) button (page 10)
⑧ Headphone jack (mini jack) (page 11)

Turn the TV on from standby mode

Press the ⏻ button or the P ∨/∧ buttons to turn the TV on from standby mode.
When the TV is turned on, the power lamp lights blue.

To turn the TV off:
Press the ⏻ button again.
The power lamp goes off.

Caution

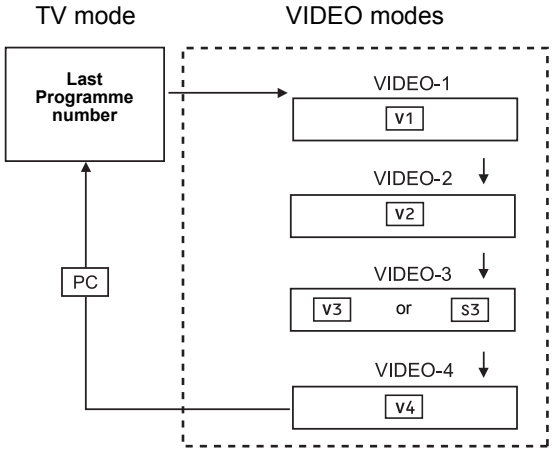
- The ⏻ button on the TV does not fully isolate the TV from the AC supply. If you are not going to use the TV for a long period, be sure to disconnect the AC plug from the AC socket.

Choose a TV channel

Press the P ∨/∧ buttons to choose a programme number (PR)

Watch images from external devices

Press the TV/AV button to choose a VIDEO terminal



- The **P** ∨/∧ buttons can also be used to choose a VIDEO terminal.

Adjust the volume

Press the ◿ (Volume) −/+ buttons
The volume level indicator appears.

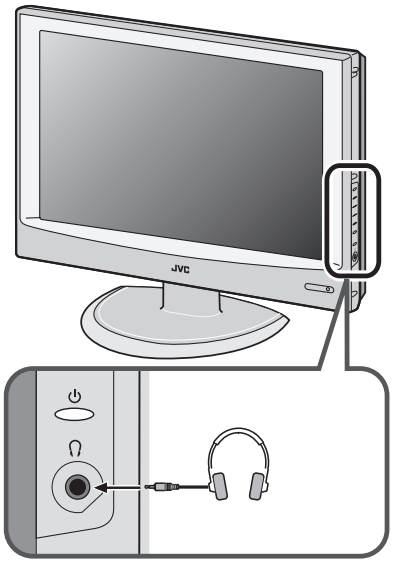
Using the Menu

Use the MENU/OK button
Refer to "Using the TV's menu" (see page 22) for details of using the menu.

Connecting headphones

Connect the headphones with a stereo mini-jack (3.5 mm diameter) to the headphone jack at the TV front panel.

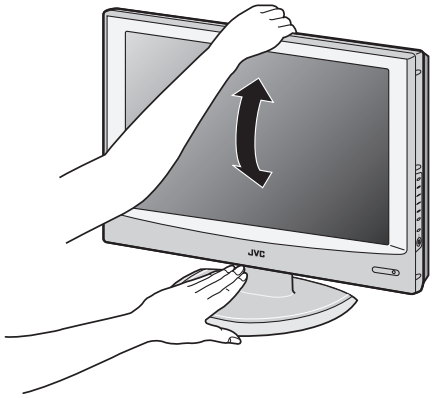
- No sound comes from the TV speakers when the headphones are connected.



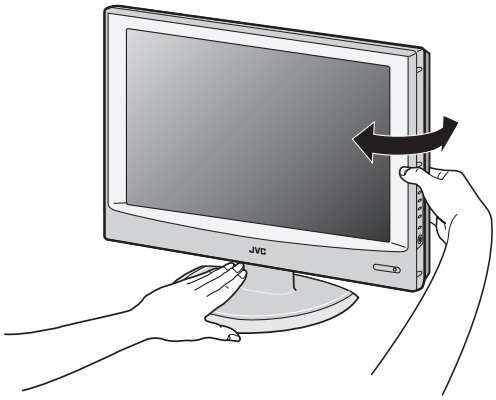
Using the stand

This stand can be used to adjust the direction of the TV screen 5° up, 10° down, and 20° to the left or right.

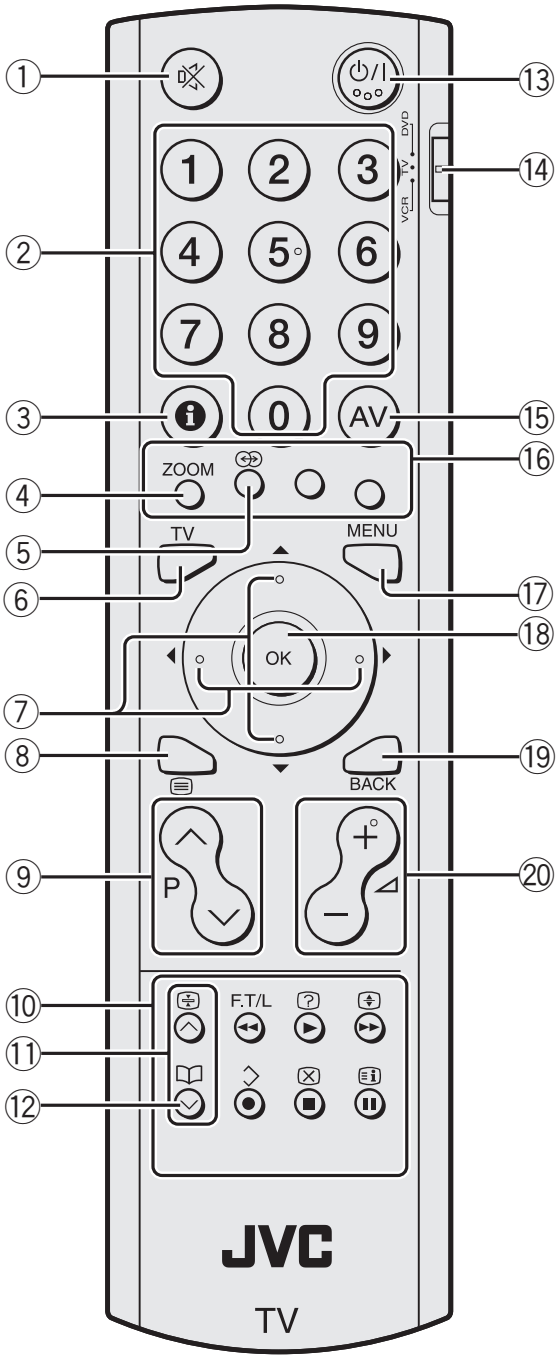
■ Tilt the TV up and down:



■ Rotate the TV to the left and right:



Remote control buttons and functions



① Muting button
② Number buttons
③ Information button
④ **ZOOM** button
⑤ (3D SOUND) button
⑥ ***TV*** button
⑦ ◀/▶/▼/▲ buttons
⑧ (Text) button
⑨ **P** ∨/∧ buttons
⑩ VCR/DVD/Teletext control buttons
⑪ ∨/∧ buttons
⑫ (Favourite) button
⑬ ⏻/**I** (Standby) button
⑭ VCR/TV/DVD switch
⑮ **AV** button
⑯ Colour buttons
⑰ **MENU** button
⑱ **OK** button
⑲ **BACK** button
⑳ (Volume) −/+ buttons

Turn the TV on or off from standby mode

Press the ⏻/I (standby) button to turn the TV on or off

When the TV is turned on, the power lamp lights blue.

- The power can be turned on by pressing the ***TV*** button, **P** ∨/∧ buttons or Number buttons.

To turn the TV on or off, set the VCR/TV/DVD switch on the remote control to the TV position and press the ⏻/**I** button.
If the VCR/TV/DVD switch on the remote control is set to the DVD position, the TV will not be turned on or off even if the ⏻/**I** button is pressed.

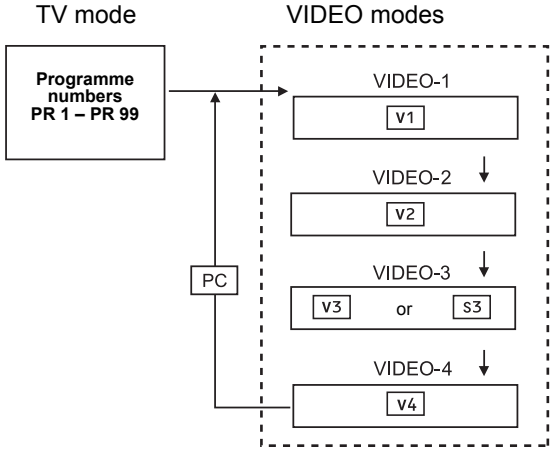
Choose a TV channel and watch images from external devices

■ Use the number buttons: Enter the programme number (PR) of the channel using the number buttons.

Example:
- PR 6 → press **6**
- PR 12 → press **1** and **2**

■ Use the P ∨/∧ buttons: Press the P ∨/∧ buttons to choose the programme number (PR) you want or an VIDEO terminal.

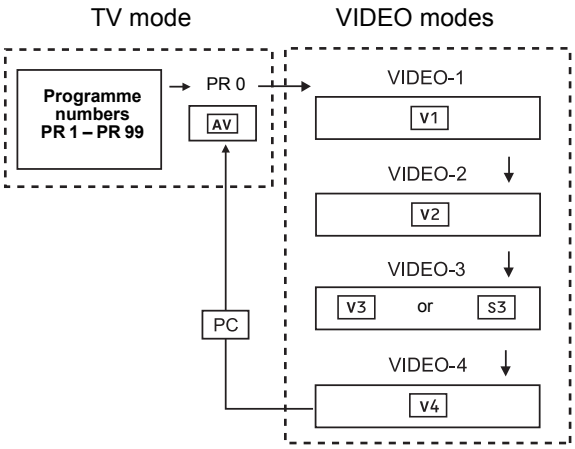
■ Use the AV button: Press the AV button to choose an VIDEO terminal.



- You can choose a video input signal from the S-VIDEO signal (Y/C signal) and regular video signal (composite signal). For details, see "VIDEO-3 SETTING" on page 33.
- If you do not have a clear picture or no colour appears, follow the operation procedure "COLOUR SYSTEM" on page 24.
- If you choose a VIDEO terminal with no input signal, the VIDEO terminal number becomes fixed on the screen.
- Since this TV is designed to make full use of the resolution of the original video source, the motion may appear unnatural when the video source is input with progressive-scanning component signals. If this happens, change the output setting of the connected device to interlace-scanning component signal output. See the instructions that came with the device for more information.
- The PC sound is the same as the VIDEO-3 sound.

To return to a TV channel:
Press the **TV** button, the **P** ∨/∧ buttons or the number buttons.

To use the programme number PR 0 (AV):
When the TV and VCR/DVD recorder are connected only by the aerial cable, choosing the programme number PR 0 (AV) allows you to view images from the VCR/DVD recorder. Set the VCR/DVD recorder RF channel to the programme number PR 0 (AV) manually. For details, see "EDIT/ MANUAL" on page 29.
Pressing the **AV** button changes the choice as follows:



- The VCR/DVD recorder sends its playback image along the aerial cable as an RF (radio frequency) signal.
- Also see your VCR/DVD recorder instruction manual.

Adjust the volume

Press the ◿ −/+ buttons to adjust the volume.
The volume level indicator appears and the volume changes as you press the ◿ −/+ buttons.

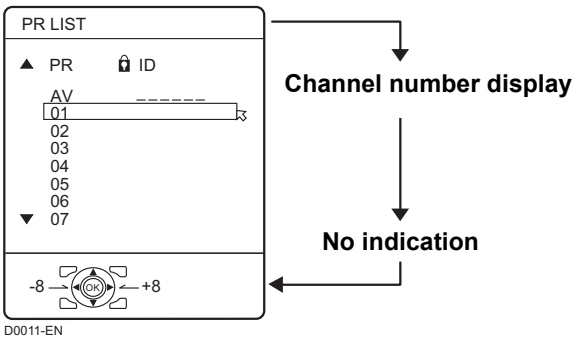
■ Muting the sound

Press the 🔇 (muting) button to turn off the sound.
Pressing the 🔇 (muting) button again restores the previous volume level.

Information function

You can see the channel number of the programme you are watching or the PR LIST.
From the PR LIST, you can choose a channel or VIDEO terminal.

Press the ⓘ (Information) button to display the information you want to see.
Pressing the ⓘ (Information) button changes the display as follows:



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Channel number display:
The channel number and channel name (when the channel name is registered) of the programme you are watching or the VIDEO terminal number is displayed.

PR LIST:
The programme number (PR) and VIDEO terminal list is displayed.
Pressing the **OK** button after choosing the programme number (PR) or VIDEO terminal with the ◄/►/▼/▲ buttons will display the chosen programme or VIDEO terminal.

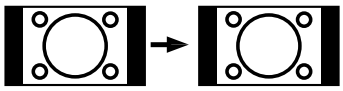
- For programme numbers (PR) for which the CHANNEL GUARD function is set, the 🔒 (CHANNEL GUARD) mark is displayed. For details see “CHANNEL GUARD” on page 26.
- For programme numbers (PR) which is registered as a favourite channel, the 🕮 (favourite) mark is displayed. For details see “Favourite channel function” on page 17.

ZOOM function

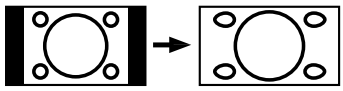
You can change the screen size according to the picture aspect ratio. Choose the optimum one from the following ZOOM modes.

- The ZOOM mode is fixed at FULL when you are using the TV as a PC screen.

REGULAR:
Use to view a normal picture (4:3 aspect ratio) as this is its original shape.

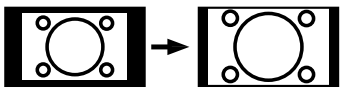


PANORAMIC:
This stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the screen, without making the picture appear unnatural.

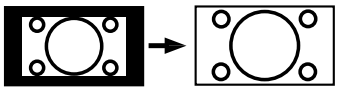


- The top and bottom of the picture are slightly cut off.

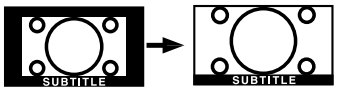
14:9 ZOOM:
This zooms up the wide picture (14:9 aspect ratio) to the upper and lower limits of the screen.



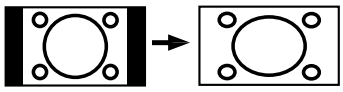
16:9 ZOOM:
This zooms up the wide picture (16:9 aspect ratio) to the full screen.



16:9 ZOOM SUBTITLE:
This zooms up the wide picture (16:9 aspect ratio) with subtitles to the full screen.



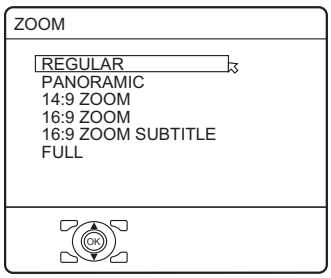
FULL:
This uniformly stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the wide TV screen.



- For 16:9 aspect ratio pictures that have been squeezed into a normal picture (4:3 aspect ratio), use the FULL mode to restore the picture to its original shape.

■ Choose the ZOOM mode

1 Press the ZOOM button to display the ZOOM menu



D0009-EN

2 Press the ▼/▲ buttons to choose a ZOOM mode. Then press the OK button

The picture expands and the chosen ZOOM mode is displayed in about 5 seconds.

■ Adjusting the visible area of the picture

If subtitles or the top (or bottom) of the picture are cut off, you can adjust the visible area of the picture manually.

1 Press the ZOOM button

The ZOOM menu appears.

2 Press the OK button to display the ZOOM mode indicator

The indicator appears.

D0010-EN

3 While it is displayed, press the ▼/▲ buttons to change the position of the picture

- You cannot adjust the visible area in REGULAR or FULL mode.

The visible area adjustment is saved even after the TV channel is changed.
However, it is cancelled if the following operations are performed.

- The power is turned off/on
- (Text) button is pressed
- The TV is switched between TV mode and VIDEO mode

3D SOUND function

You can enjoy sounds with a wider ambience.

- This function does not work for the sound from headphones.

Press the 3D button to select one of 3D SOUND modes

ON:
When you listen to stereo sound, please select ON mode.
You can enjoy sound similar to the experience at the theatre.

MONO:
Select the MONO mode, when you listen to the mono sound.
You can enjoy the sound for a wider audience similar to stereo sound.

OFF:
The 3D SOUND function switches off.

- You can choose the 3D SOUND mode with the "SOUND menu" (see page 25).

Return to TV channel instantly

You can return to a TV channel instantly.

Press the TV button

The TV returns to the TV mode and a TV channel appears.

Favourite channel function

You can register your favourite TV channels (PR 1 – PR 99) in the number buttons 1 to 4. After registering, the channel can be called by pressing the 🕮 (favourite) button and a number button 1 to 4.

■ Favourite channel registration

1 In the normal screen, choose a TV channel (PR 1 – PR 99) that you want to register

For details, refer to "Choose a TV channel and watch images from external devices" on page 13.

2 Press and hold the 🕮 (favourite) button for three seconds or more

Then "SET 1-4?" appears on the screen.

3 Press one of the number buttons 1 to 4

The current channel is registered in the pressed number button.
After "PROGRAMMED!" appears on the screen, the favourite channel icon appears at the top-right of the screen.

- If the channel you are trying to register is already registered in one of the other number buttons 1 to 4, "NOT AVAILABLE" appears on the screen.
- Channels locked with the CHANNEL GUARD function cannot be registered.
- If AUTO PROGRAM is performed, the registered favourite channels are reset.

- When you want to delete a favourite channel, delete the set channel and set contents with FAVOURITE SETTING (see page 28) in the FEATURES menu.

■ Calling the favourite channel

1 In the normal screen, press the 🕮 (favourite) button

Then "FAVOURITE1-4?" appears.

2 Press one of the number buttons 1 to 4

The called favourite channel appears on the screen.

- If a number button in which no channel is registered is pressed, "NO MEMORY" appears on the screen.

■ Setting the picture effect

When a favourite channel has been chosen with the 🕮 (favourite) button and number buttons 1 to 4, picture effect settings can be memorised for each favourite channel by setting the picture effects in the PICTURE menu (see page 23).
The following items in the PICTURE menu (see page 23) are memorised.
PICTURE MODE
BACK LIGHT
CONTRAST
BRIGHT
SHARP
COLOUR
TINT
WHITE BALANCE
DIGITAL VNR
COLOUR SYSTEM
The last setting made for each item is memorised.

Operating a JVC brand VCR or DVD player

These buttons will operate a JVC brand VCR or DVD player. Pressing a button that looks the same as the device's original remote control button has the same effect as the original remote control.

1 Set the VCR/TV/DVD switch to the VCR or DVD position

VCR:

When you are operating the VCR, set the switch to the VCR position.

- You can turn the VCR on or off with the ⏻/I (standby) button.

DVD:

When you are operating the DVD player, set the switch to the DVD position.

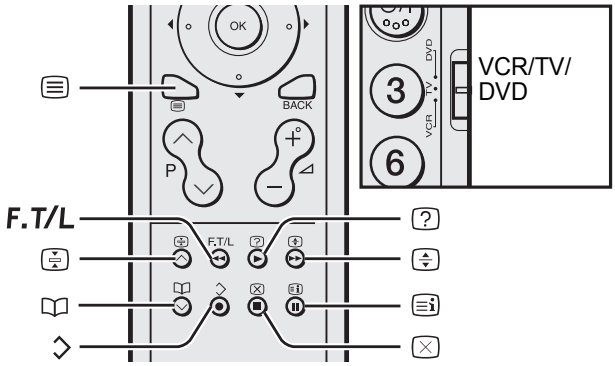
- You can turn the DVD player on or off with the ⏻/I (standby) button.
- You can also press the **MENU** or **TOP MENU** button and display the DVD disc menu screen, and then operate by pressing the ◄/►/▼/▲ buttons.

2 Press the VCR/DVD Control Button to control your VCR or DVD player

- If your device is not made by JVC, these buttons will not work.
- Even if your device is made by JVC, some of these buttons may not work, depending on the device you are using.
- You can use the ∨/∧ buttons to choose a TV channel the VCR will receive, or choose the chapter the DVD player plays back.
- Some models of DVD player use the ∨/∧ buttons for both operating the fast forward/backward functions and for choosing the chapter. In this case, the ◄◄/►► buttons do not work.

You cannot turn the TV on or off when the VCR/TV/DVD switch is set to the VCR or DVD position.
When you turn the TV on or off, set the VCR/TV/DVD switch to the TV position.

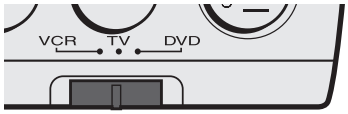
Teletext function



Basic operation

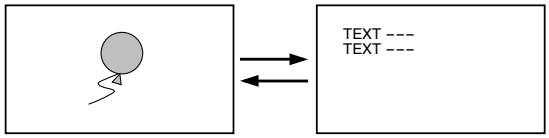
1 Choose a TV channel with a teletext broadcast

2 Set the VCR/TV/DVD switch to the TV position



3 Press ☰ (Text) button to display the teletext

Pressing ☰ (Text) button changes the mode as follows:



TV mode Text mode

4 Choose a teletext page by pressing the P ∨/∧ buttons, number buttons or colour buttons

To return to the TV mode:
Press the **TV** button or ☰ (Text) button.

- If you have trouble receiving teletext broadcasts, consult your local dealer or the teletext station.
- The ZOOM function will not work in the TV and text mode or Text mode.
- You cannot operate menus when viewing a teletext programme.
- If characters on a teletext programme do not appear properly, change the TELETEXT LANGUAGE setting. For details, see "TELETEXT LANGUAGE" on page 33.

Using the List Mode

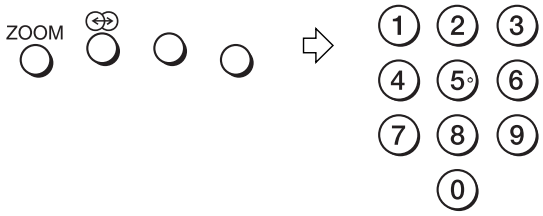
You can store the numbers of your favourite teletext pages in memory and call them up quickly using the colour buttons.

■ To store the page numbers:

1 Press *F.T/L* button to go into the List mode

The page numbers you have stored are displayed at the bottom of the screen.

2 Press a colour button to choose a position. Then press the number buttons to enter the page number



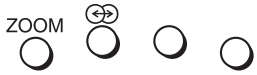
3 Press and hold down the ◇ (Store) button

The four page numbers blink white to show that they are stored in memory.

■ To call up a stored page:

1 Press the *F.T/L* button to enter the List mode

2 Press a colour button having a stored page

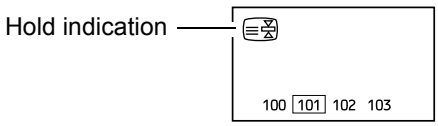


To exit the List mode:
Press the ***F.T/L*** button again.

Hold

You can hold a teletext page on the screen for as long as you want, even while several other teletext pages are being received.

Press the ⊟ (Hold) button



To cancel the Hold function:
Press ⊟ (Hold) button again.

Sub-page

Some teletext pages include sub-pages that are automatically displayed.
You can hold any sub-page, or view it at any time.

1 Press the 🕮 (Favourite) button to operate the Sub-page function

2 Press the Number buttons to enter a sub-page number

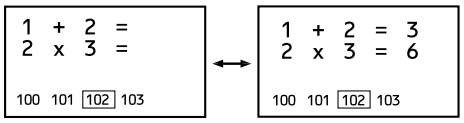
Example:
- 3rd sub-page → press ***0***, ***0***, ***0*** and ***3***.

To cancel the Sub-page function:
Press the 🕮 (Favourite) button again.

Reveal

Some teletext pages include hidden text (such as answers to a quiz).
You can display the hidden text.

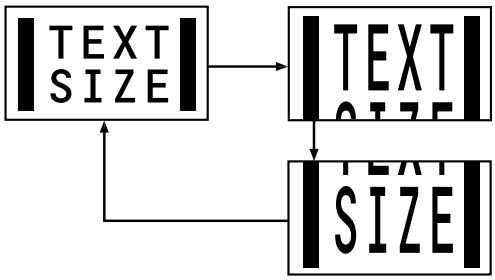
Each time you press the ? (Reveal) button, text is hidden or revealed



Size

You can double the height of the teletext display.

Press the ⊜ (Size) button



Index

You can return to the index page instantly.

Press the (Index) button

Returns to page 100 or a previously specified page.

Cancel

You can search for a teletext page while watching TV.

1 Press the number button to enter a page number, or press a colour button

The TV searches for a teletext page.

2 Press (Cancel) button

The TV programme appears. When the TV finds the teletext page, its page number appears in the upper left of the screen.

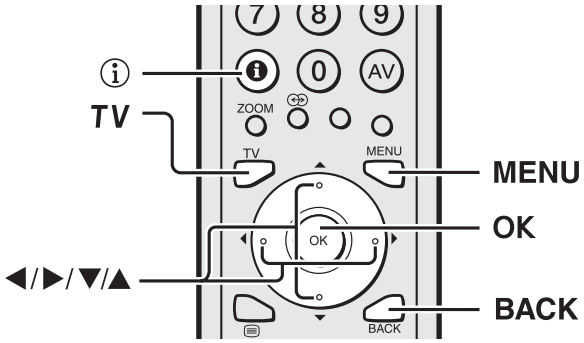
3 Press (Cancel) button to return to a teletext page when the page number is on the screen

- The TV mode cannot be resumed by pressing the (Cancel) button. To return to the TV mode press ***TV*** button.

Using the TV's menu

This TV has a number of functions you can operate using menus. To use all your TV's functions, you need to understand the basic menu operating techniques fully.

Buttons used to operate the menus



Basic operation

1 Press the MENU button to display the menu bar

D0105-EN

2 Press the ◄/► buttons to choose the menu you want to use and then press the OK button

D1105-EN Chosen menu Chosen menu name

3 Press the ▼/▲ buttons to choose the item to be set, press the ◄/► buttons to set the item, and then press the OK button

If there are sub-menus, use the ◄/►/▼/▲ buttons to operate them.

- Press the **BACK** button to return to the previous menu.
- Press the ***TV*** or **MENU** button to exit from the menu.
- Some menu items may not be operated or set depending on the TV status or other menu item settings.
  Menu items that cannot be operated or set are displayed in grey in the menu and cannot be chosen.

Types of menu

D0106

PICTURE menu
Choose to set the screen settings.

D0107

SOUND menu
Choose to set the sound settings.

D0108

FEATURES menu
Choose to set the sleep timer and child lock settings.

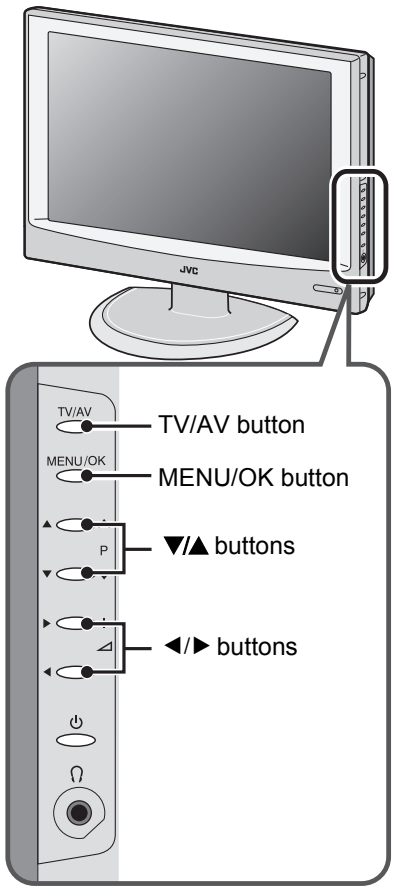
D0109

SET UP menu
Choose to edit the channels or set the display language settings.

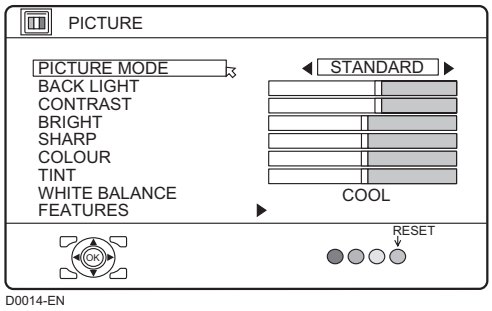
- The menu will disappear after about one minute if no operation is performed.

Operation with the buttons on the TV

You can also operate the menus using the buttons on the front panel of the TV.



PICTURE menu



- While the PICTURE menu is displayed, pressing the blue button will set the BACK LIGHT, CONTRAST, BRIGHT, SHARP, COLOUR, TINT settings to their default settings.
- When watching the picture from VIDEO-1 to VIDEO-4 or the PC, picture effect settings can be memorised for each external input by setting the picture effects in the PICTURE menu.
  The following items in the PICTURE menu are memorised.
  PICTURE MODE
  BACK LIGHT
  CONTRAST
  BRIGHT
  SHARP
  COLOUR
  TINT
  WHITE BALANCE
  DIGITAL VNR
  COLOUR SYSTEM
  The last setting made for each item is memorised.

PICTURE MODE

You can choose one of three PICTURE MODEs to adjust the picture settings automatically.

BRIGHT:
Heightens contrast and sharpness.

STANDARD:
Standardizes picture adjustment.

SOFT:
Softens contrast and sharpness.

BACK LIGHT

You can adjust the back light.
◀ : darker
▶ : brighter

CONTRAST

You can adjust the picture contrast.
◀ : lower
▶ : higher

BRIGHT

You can adjust the picture brightness.
◀ : darker
▶ : brighter

SHARP

You can adjust the picture sharpness.
◀ : softer
▶ : sharper

COLOUR

You can adjust the picture colour.
◀ : lighter
▶ : deeper

TINT

You can adjust the picture tint.
◀ : reddish
▶ : greenish

- You can change the TINT setting (picture hue) when the colour system is NTSC 3.58, or NTSC 4.43.

WHITE BALANCE

You can select one of three WHITE BALANCE modes (three tones of white) to adjust the white balance of the picture. Since white is the colour which is used as a reference for all the other colours, changing the WHITE BALANCE mode affects the appearance of all the other colours on the screen.

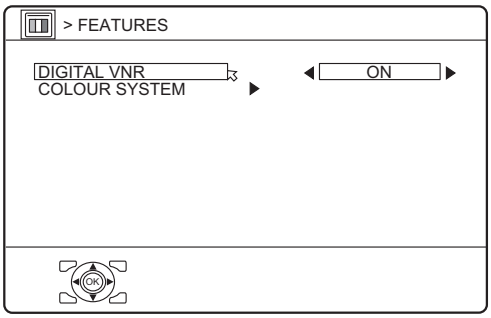
COOL:
A bluish white. Using this mode when watching bright pictures allows you to enjoy a more vivid and bright picture.

MID:
The normal white colour.

WARM:
A reddish white. Using this mode when watching films allows you to enjoy colours that are characteristic of films.

FEATURES

Choose FEATURES and press the **OK** or ▶ button to display the sub-menu.



D1015-EN

■ DIGITAL VNR

The DIGITAL VNR function cuts down the amount of 'noise' ('snow' or interference) in the original picture.

ON:
This function is turned on.

OFF:
This function is turned off.

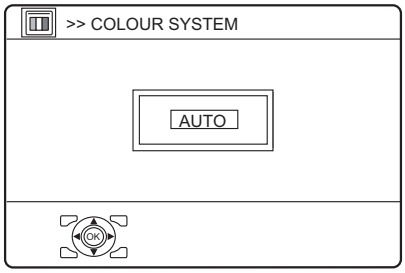
- This function does not work for PC signal.

■ COLOUR SYSTEM

The colour system is chosen automatically. However, if the picture is not clear or no colour appears, choose the colour system manually.

1 Choose COLOUR SYSTEM. Then press the OK or ▶ button

The sub-menu of the COLOUR SYSTEM function appears.



D0016-EN

2 Press the ▼/▲ buttons to choose the appropriate colour system. Then press the OK button

PAL:
PAL system

SECAM:
SECAM system

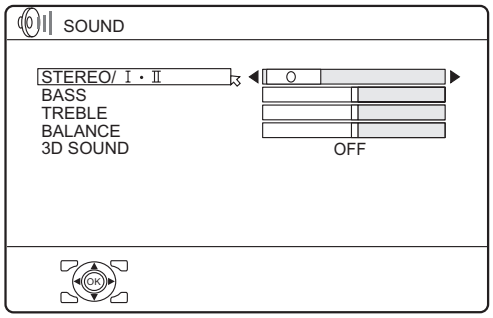
NTSC 3.58:
NTSC 3.58 MHz system

NTSC 4.43:
NTSC 4.43 MHz system

AUTO:
This function detects a colour system from the input signal.

- The AUTO function may not function properly if you have poor signal quality. If the picture is abnormal in the AUTO function, choose another colour system manually.
- COLOUR SYSTEM cannot be chosen when you are watching the PC picture.

SOUND menu



D0019-EN

- When the headphones are connected, only "STEREO / I • II" can be used.

STEREO / I • II

When you are viewing a bilingual broadcast programme, you can choose the sound from Bilingual I (Sub I) or Bilingual II (Sub II).

∞: Stereo sound

O : mono sound

I : Bilingual I (sub I)

II : Bilingual II (sub II)

- The sound mode you can choose differs depending on the TV programme.
- This function does not work in the VIDEO modes.

BASS

You can adjust the low tone of the sound.
◀ : weaker
▶ : strong

TREBLE

You can adjust the high tone of the sound.
◀ : weaker
▶ : strong

BALANCE

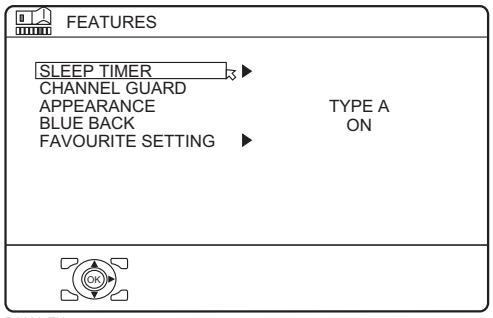
You can adjust the volume balance between the left and right speaker.
◀ : turn the left speaker's volume level up.
▶ : turn the right speaker's volume level up.

3D SOUND

You can enjoy Surround sound with a "live" effect by using the 3D SOUND function.

- You can choose a 3D SOUND mode from ON, MONO and OFF modes. For details, see "3D SOUND function" on page 16.
- You can also operate the 3D SOUND function with the (3D SOUND) button. For details, see "3D SOUND function" on page 16.

FEATURES menu



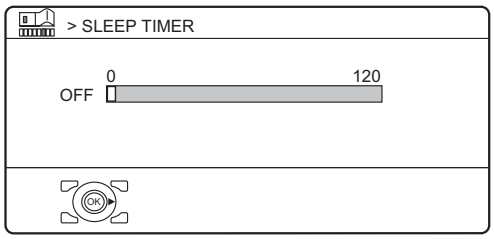
D0023-EN

SLEEP TIMER

You can set the TV to automatically turn off after a set period of time.

1 Choose SLEEP TIMER. Then press the OK or ▶ button

A Sub-menu of the SLEEP TIMER function appears.



D0024-EN

2 Press the ◀/▶ buttons to set the period of time. Then press the OK button

You can set the period of time for up to 120 minutes (2 hours) in 10 minute steps.

- One minute before the SLEEP TIMER function turns off the TV, "GOOD NIGHT!" appears.
- The SLEEP TIMER function cannot be used to turn off the TV's main power.
- When the SLEEP TIMER function is on, you can display the sub-menu of the SLEEP TIMER function again to confirm or change the remaining period of time of the SLEEP TIMER function. Press the **OK** button to leave the menu after confirming or changing the remaining time.

To cancel the SLEEP TIMER function:

Press the ◀ button to set the period of time to "OFF".

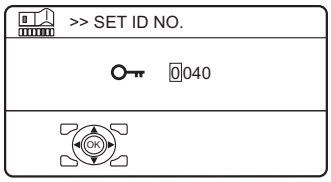
CHANNEL GUARD

When there is a TV channel you do not want your children to watch, you can use the CHANNEL GUARD function to lock out the TV channel. Even when a child chooses a programme number (PR) for a locked TV channel the screen will change to blue and display 🔒 (CHANNEL GUARD) so the TV channel cannot be viewed. Unless you enter a pre-set ID number by a special operation, the lock cannot be released and the child cannot view the TV channel.

■ To set the CHANNEL GUARD function

1 Choose CHANNEL GUARD, then press the 0 button

"SET ID NO." (ID number setting screen) appears.



D0025-EN

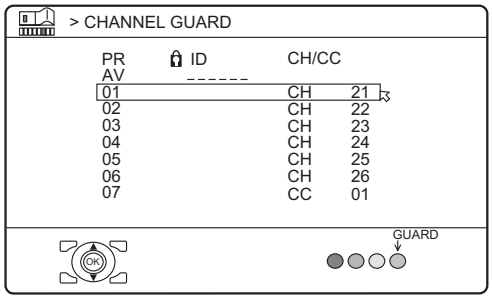
2 Set the ID number to your liking

1 Press the ▼/▲ buttons to choose a number.

2 Press the ◀/▶ buttons to move the cursor.

3 Press the OK button

The Sub-menu of CHANNEL GUARD appears.



D1026-EN

4 Press the ▼/▲ buttons to choose a TV channel

Every time you press the ▼/▲ buttons, the Programme number (PR) changes, and the picture of the TV channel registered in the Programme number (PR) is displayed on the screen.

5 Press the blue button and set the CHANNEL GUARD function. Then press the OK button

🔒 (CHANNEL GUARD) appears and the TV channel is locked.

To reset the CHANNEL GUARD function:

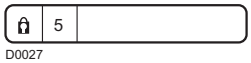
Press the blue button again.
🔒 (CHANNEL GUARD) disappears.

To disable easy resetting of the CHANNEL GUARD function, the menu disappears if you choose the CHANNEL GUARD function and press the **OK** button.

■ To view a locked TV channel

1 Choose a programme number (PR) of a locked TV channel with the number buttons or PR LIST

The screen changes to blue and the 🔒 (CHANNEL GUARD) appears. You cannot view the TV channel.



D0027

2 Press the ⓘ (Information) button to display "ID NO." (ID No. input screen)

D0028-EN

3 Press the number buttons to enter the ID number

The lock is temporarily released so you can view the TV channel.

If you have forgotten the ID number:

Perform step 1 of "To set the CHANNEL GUARD function". After confirming the ID number, press the **TV** button to exit the menu.

- Even if you reset the lock temporarily, it does not mean that the CHANNEL GUARD function set for the TV channel is cancelled. The next time anyone tries to view the TV channel, it will be locked again.
- When you want to cancel the CHANNEL GUARD function, you must perform the operation "To set the CHANNEL GUARD function" again.
- To stop it being easy to choose the programme number (PR) of a locked TV channel, the programme number (PR) has been set so that it cannot be chosen with the ▼/▲ buttons or the buttons of the TV.
- To stop it being easy to reset the lock, "ID NO." (ID No. input screen) is set so that it cannot appear unless you press the ⓘ (Information) button.

ENGLISH

APPEARANCE

Press the ◀/▶ button and choose the format in which the channel number is displayed from two types: TYPE A and TYPE B.

BLUE BACK

You can set the TV to automatically change to a blue screen and mute the sound if the signal is weak or absent, or when there is no input from an external device.

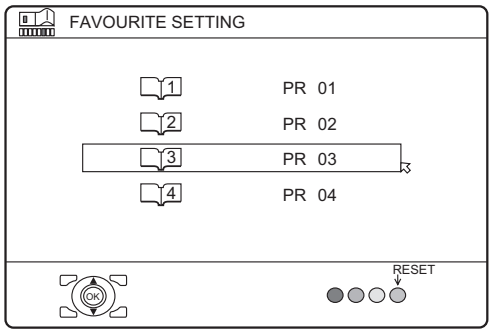
ON:
This function is turned on.

OFF:
This function is turned off.

FAVOURITE SETTING

Chose when deleting the favourite channels registered in the buttons 1 to 4.

1 Choose FAVOURITE SETTING, then press the OK or ▶ button
The FAVOURITE SETTING menu appears.



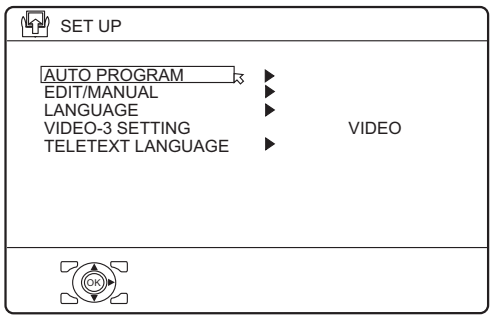
D0112-EN

2 Press the ▼/▲ buttons and chose the favourite channel that you want to delete

3 Press the blue button
The chosen favourite channel and set contents are deleted.

- For details of the favourite channels, see “Favourite channel function” on page 17.

SET UP menu



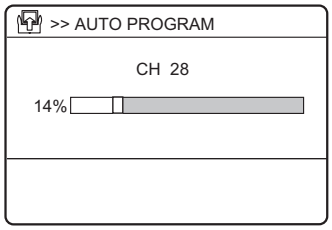
D0029-EN

AUTO PROGRAM

You can again perform the AUTO PROGRAM function TV channel automatic registration which was performed in the "Initial settings" (page 8).

1 Choose AUTO PROGRAM, then press the OK or ▶ button

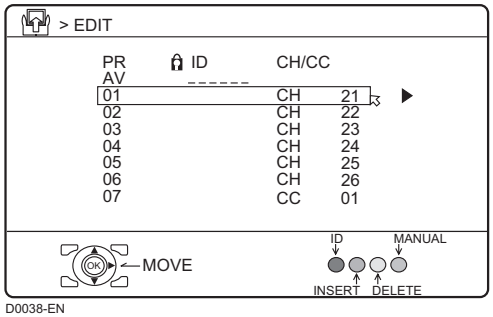
The AUTO PROGRAM function starts. The TV channels you receive are automatically stored in the programme numbers list.



D0004-EN

- To stop the AUTO PROGRAM function, press the **BACK** button.

2 After the TV channels have been stored in the programme number list, the EDIT menu appears



D0038-EN

- You can proceed to edit the programme numbers list using the EDIT/MANUAL function. For details, see "EDIT/MANUAL" on page 29.
- If a TV channel you want to view is not stored in the programme numbers list, you can register it using the MANUAL function. For details, see "EDIT/MANUAL" on page 29.
- The AUTO PROGRAM function does not store a TV channel to the programme number PR 0 (AV).
- If you do not need to use the EDIT/MANUAL function, press the **OK** button to exit the EDIT menu.
- Starting the AUTO PROGRAM deletes the registered favourite channel.

EDIT/MANUAL

The EDIT/MANUAL functions are divided into two types:

- editing the current programme numbers (PR) (EDIT functions); and
- manually storing a TV channel you want to view on a particular programme number (PR) (MANUAL function).

Here are the details about these functions:

MOVE:
This function changes the programme number (PR) of a TV channel.

ID:
This function registers a channel name (ID) to a TV channel.

INSERT:
This function adds a new TV channel in the current programme numbers (PR) list by using the CH/CC number.

- You cannot use the INSERT function if you do not know the channel number of a TV channel. Use the MANUAL function to register a TV channel in the programme number (PR).

DELETE:
This function deletes a TV channel you do not want to list.

MANUAL:
This function manually stores a new TV channel in a programme number (PR).

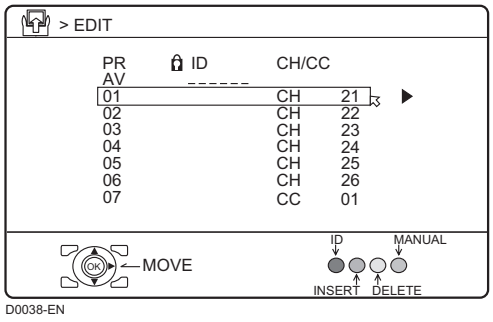
Caution

- Using the MOVE, DELETE or INSERT functions rewrites the current programme numbers (PR) list. Therefore, the programme numbers (PR) of some of the TV channels will change.
- Using the MANUAL function for a TV channel for which the CHANNEL GUARD function has been set cancels the CHANNEL GUARD function for that channel.
- When a TV channel has already been registered in PR 99, using the INSERT function deletes that TV channel.

■ Basic operation

1 Choose EDIT/MANUAL, then press the OK or ▶ button

The EDIT menu appears.



D0038-EN

2 Follow the description for the function you want to use

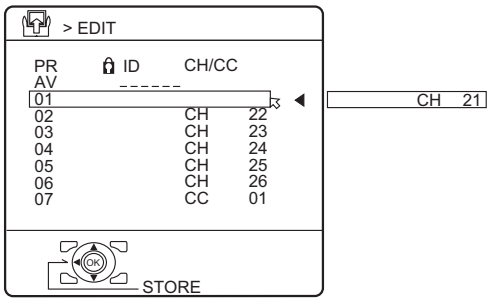
3 Press the OK button to complete the settings

- For programme number PR 0, “AV” appears in the programme numbers (PR) list.
- A VIDEO terminal number does not appear in the programme numbers (PR) list.

■ MOVE

1 Press the ▼/▲ buttons to choose a TV channel

2 Press the ▶ button to start the MOVE function



D0030-EN

3 Press the ▼/▲ buttons to choose a new programme number (PR)

To cancel the MOVE function:
Press the **BACK** button.

4 Press the ◀ button to change the programme number (PR) of a TV channel to a new programme number (PR)

■ DELETE

1 Press the ▼/▲ buttons to choose a TV channel

2 Press the yellow button to delete the TV channel

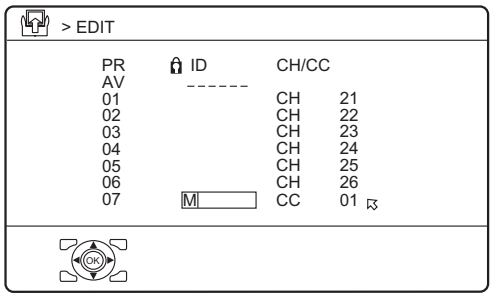
The TV channel is deleted from the programme numbers (PR) list.

■ ID

1 Press the ▼/▲ buttons to choose a TV channel

2 Press the red button to start the ID function

3 Press the ▼/▲ buttons to choose a character



D0032-EN

4 Press the ◀/▶ buttons to move the cursor

5 Repeat steps 3 and 4 to complete the channel name

6 Press the OK button to give a channel name (ID) to a TV channel

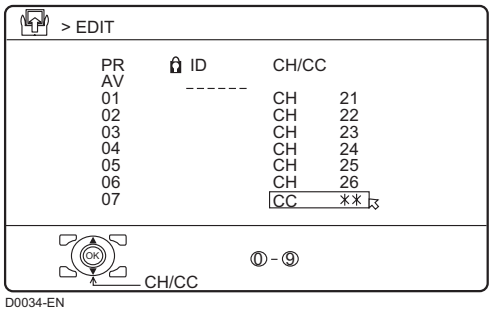
■ INSERT

Before performing INSERT operation

- A CH/CC number unique to this TV and corresponding to the Channel number of a TV channel is required. Find the corresponding CH/CC number from a table “CH/CC numbers” on page 35 based on the Channel number of the TV channel.

1 Press the ▼/▲ buttons to choose a programme number (PR) for which you will register a new TV channel

2 Press the green button and start the INSERT function



D0034-EN

3 Press the ▼/▲ buttons to choose “CC” or “CH” according to the CH/CC number of the TV channel

To cancel the INSERT function:
Press the **BACK** button.

4 Press the number buttons to enter the remaining CH/CC number

The TV shifts to registration mode. When the registration is completed, the picture of the TV channel appears on the screen.

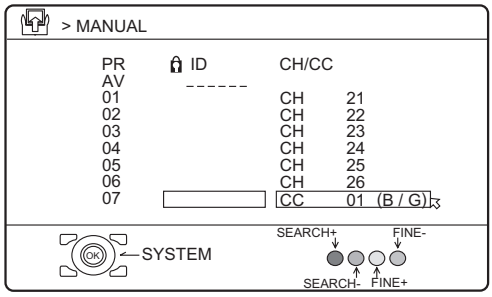
- The CH/CC number is a number given to each broadcast frequency that carries a TV channel. If the TV cannot detect the TV channel corresponding to the broadcast frequency indicated by the CH/CC number, a “no-signal” picture appears.

■ MANUAL

1 Press the ▼/▲ buttons to choose a programme number (PR) for a new TV channel

2 Press the blue button to activate the MANUAL function

At the right side following the CH/CC number, the SYSTEM (sound system) of the TV channel appears.



D0035-EN

To cancel the MANUAL function:
Press the **BACK** button.

3 Press the ▶ button to choose the SYSTEM (sound system) for a TV channel you want to register

- For the sound systems in each country or region, refer to the table below:

Area	Country or Region	System
Asia, Middle East	Bahrain, Kuwait, Oman, Qatar, United Arab Emirates, Yemen, etc. Indonesia, Malaysia, Singapore, Thailand, India, etc.	B/G
	China, Vietnam, etc.	D/K
	Hong Kong, etc.	I
	Islamic Republic of Iran, Lebanon, Saudi Arabia, etc.	B/G
	Philippines, Taiwan, Myanmar, etc.	M
Europe	Russia, etc.	D/K
	Czech Republic, Poland, etc.	D/K
	Germany, Holland, Belgium, etc.	B/G
	UK, etc.	I
Oceania	Australia, New Zealand, etc.	B/G
Africa	Republic of South Africa, etc.	I
	Nigeria, etc.	B/G
	Egypt, Morocco, etc.	B/G

4 Press the green or red button to search for a TV channel

Scanning stops when the TV finds a TV channel. Then the TV channel is displayed.

5 Press the green or red button repeatedly until the TV channel you want appears

If the TV channel reception is poor:
Press the blue or yellow button to fine-tune the TV channel.

If you cannot hear the normal sound even when the picture of the TV channel appears normally:
The SYSTEM setting is wrong. Press the ▶ button and choose a SYSTEM that has normal sound.

6 Press the OK button and register the TV channel to a Programme number (PR)

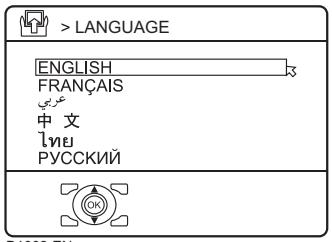
The normal EDIT menu is resumed.

LANGUAGE

The LANGUAGE setting which was performed in the “Initial settings” (page 8) can be changed.

1 Choose LANGUAGE, then press the OK or ▶ button

A sub-menu of the LANGUAGE function appears.



D1002-EN

2 Press the ▼/▲ buttons to choose a language. Then press the OK button

VIDEO-3 SETTING

Set the VIDEO-3 SETTING correctly according to the video signal input from the external device connected to the VIDEO-3 terminal. If this setting is incorrect, images will not be displayed.

VIDEO:

If a normal video signal (composite video signal) is input.

S-VIDEO:

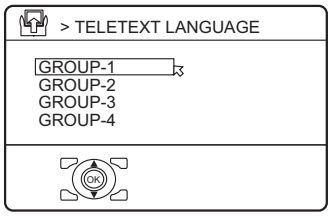
If a S-VIDEO signal (Y/C signal) is input.

- If you set S-VIDEO in VIDEO-3 SETTING, the display on the screen changes from V3 to S3.

TELETEXT LANGUAGE

There are four types of teletext language groups. Set the teletext language group that corresponds to the language of the teletext programme that you want to watch.

1 Choose TELETEXT LANGUAGE, then press the OK or ▶ button



D1003-EN

2 Press the ▼/▲ buttons to choose a group

Group	Languages
GROUP-1	Turkish, Hungarian, English, German, French, Italian, Spanish, Portuguese, Greek, Swedish, Finnish
GROUP-2	Polish, Serbian, Croatian, Slovenian, Czech, Slovak, Rumanian, Hungarian, German, French, Italian, Swedish, Finnish
GROUP-3	Russian, Bulgarian, Lettish, Lithuanian, Estonian, Ukrainian, Serbian, Croatian, Slovenian, Czech, Slovak, English, German
GROUP-4	Arabic, Czech, Slovak. Hungarian, English, German, French, Italian, Spanish, Portuguese, Swedish, Finnish

3 Press the OK button to complete the setting

The menu disappears.

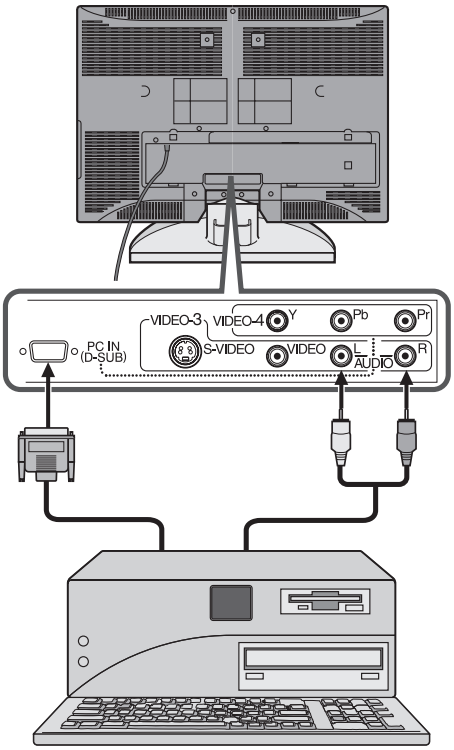
- Languages that are not included in the teletext language group that you select, the sub-titles of the teletext programme will not be displayed properly.

Displaying a computer screen

This TV can be used as a computer screen.

Connecting to the computer

Use a D-SUB cable to connect the TV's PC IN terminal to the computer's analogue RGB output terminal.
If you want to listen to the sound from the computer, use an audio cable to connect the VIDEO-3 AUDIO L/R sound input terminal to the computer's sound output terminal.
When the sound from the computer is mono, connect to the VIDEO-3 AUDIO L terminal.



- Refer to the computer manual for a detailed explanation of the connections at the computer side.
- Ensure that the connectors are facing the correct way when connecting.
- After connecting the D-SUB cable, tighten the two screws to fix the connector in place.

Watching images from a computer

After starting the computer, press the AV or P ∨/∧ buttons to choose "PC"

"PC" is after VIDEO-4.
You can listen to the sound when the sound from the computer is connected to the VIDEO-3 AUDIO L/R sound input terminal.

- When the sound from the computer is connected to VIDEO-3, by choosing external input VIDEO-3 the sound from the computer can be listened to, but the images from the computer cannot be seen.

Table of signals for each type of computer

Resolution	Vertical frequency (Hz)	Horizontal frequency (kHz)
640 × 480 (VGA)	60.0	31.5
1024 × 768 (XGA)	60.0	42.0

- Only the above formats are supported.
- Even with the above formats and at 60 Hz, some problems may be experienced depending on the quality of the synchronous signal. (Depending on the quality, some pictures may not be displayed properly.)
- Apple Macintosh* computers are not supported.

When a picture is not displayed

Check the computer's refresh rate and set it to 60 Hz. Refer to the computer's instruction manual.
Computers which cannot have their refresh rate set to 60 Hz cannot be used with this unit.

* Apple Macintosh is a registered trademark of Apple Computer, Inc.

ENGLISH

CH/CC numbers

When you want to use the INSERT function on page 31, find the CH/CC number corresponding to the Channel number of the TV channel from this table.

US: The US channel numbers are the channel numbers used in the United States, Philippines, etc.

CCIR: The CCIR channel numbers are the channel numbers used in the Middle East, Southeast Asia, etc.

OIRT: The OIRT channel numbers are the channel numbers used in Eastern Europe, Russia, Vietnam, etc.

AUSTRALIA: The AUSTRALIA channel numbers are the channel numbers used in Australia, etc.

	Channel			
CH	US	CCIR	OIRT	AUSTRALIA
CH02	US-2	E2	R1	AU-0
CH03	US-3	E3		AU-1
CH04	US-4	E4	R2	AU-2
CH05	US-5	E5	R6	AU-6
CH06	US-6	E6	R7	AU-7
CH07	US-7	E7	R8	AU-8
CH08	US-8	E8	R9	AU-9
CH09	US-9	E9		
CH10	US-10	E10	R10	AU-10
CH11	US-11	E11	R11	AU-11
CH12	US-12	E12	R12	
CH13	US-13			
CH14	US-14, W+29			
CH15	US-15, W+30			
CH16	US-16, W+31			
CH17	US-17, W+32			
CH18	US-18, W+33			
CH19	US-19, W+34			
CH20	US-20, W+35			
CH21	US-21, W+36	E21		
CH22	US-22, W+37	E22		
CH23	US-23, W+38	E23		
CH24	US-24, W+39	E24		
CH25	US-25, W+40	E25		
CH26	US-26, W+41	E26		
CH27	US-27, W+42	E27		
CH28	US-28, W+43	E28		
CH29	US-29, W+44	E29		
CH30	US-30, W+45	E30		
CH31	US-31, W+46	E31		
CH32	US-32, W+47	E32		
CH33	US-33, W+48	E33		
CH34	US-34, W+49	E34		
CH35	US-35, W+50	E35		
CH36	US-36, W+51	E36		
CH37	US-37, W+52	E37		
CH38	US-38, W+53	E38		
CH39	US-39, W+54	E39		
CH40	US-40, W+55	E40		
CH41	US-41, W+56	E41		
CH42	US-42, W+57	E42		
CH43	US-43, W+58	E43		
CH44	US-44, W+59	E44		
CH45	US-45, W+60	E45		
CH46	US-46, W+61	E46		
CH47	US-47, W+62	E47		
CH48	US-48, W+63	E48		
CH49	US-49, W+64	E49		
CH50	US-50, W+65	E50		
CH51	US-51, W+66	E51		
CH52	US-52, W+67	E52		
CH53	US-53, W+68	E53		
CH54	US-54, W+69	E54		
CH55	US-55, W+70	E55		
CH56	US-56, W+71	E56		
CH57	US-57, W+72	E57		
CH58	US-58, W+73	E58		
CH59	US-59, W+74	E59		
CH60	US-60, W+75	E60		
CH61	US-61, W+76	E61		
CH62	US-62, W+77	E62		
CH63	US-63, W+78	E63		
CH64	US-64, W+79	E64		
CH65	US-65, W+80	E65		
CH66	US-66, W+81	E66		
CH67	US-67, W+82	E67		
CH68	US-68, W+83	E68		
CH69	US-69, W+84	E69		

	Channel			
CC	US	CCIR	OIRT	AUSTRALIA
CC01		S-1		AU-5
CC02		S-2		
CC03		S-3		
CC04		S-4		
CC05		S-5		
CC06		S-6		AU-5A
CC07		S-7		
CC08		S-8		
CC09		S-9		
CC10		S-10		
CC11		S-11		
CC12		S-12		
CC13		S-13		
CC14	A	S-14		
CC15	B	S-15		
CC16	C	S-16		
CC17	D	S-17		
CC18	E	S-18		
CC19	F	S-19		
CC20	G	S-20		
CC21	H	S-21		
CC22	I	S-22		
CC23	J	S-23		
CC24	K	S-24		
CC25	L	S-25		
CC26	M	S-26		
CC27	N	S-27		
CC28	O	S-28		
CC29	P	S-29		
CC30	Q	S-30		
CC31	R	S-31		
CC32	S	S-32		
CC33	T	S-33		
CC34	U	S-34		
CC35	V	S-35		
CC36	W	S-36		
CC37	W+1	S-37		
CC38	W+2	S-38		
CC39	W+3	S-39		
CC40	W+4	S-40		
CC41	W+5	S-41		
CC42	W+6			
CC43	W+7			
CC44	W+8			
CC45	W+9			
CC46	W+10			
CC47	W+11			
CC48	W+12			
CC49	W+13			
CC50	W+14			
CC51	W+15			
CC52	W+16			
CC53	W+17			
CC54	W+18			
CC55	W+19			
CC56	W+20			
CC57	W+21			
CC58	W+22			
CC59	W+23			
CC60	W+24			
CC61	W+25			
CC62	W+26			
CC63	W+27			
CC64	W+28			
CC75		X		
CC76		Y	R3	
CC77		Z	R4	AU-3
CC78		Z+1	R5	
CC79		Z+2		AU-4
CC95	A-5			
CC96	A-4			
CC97	A-3			
CC98	A-2			
CC99	A-1			

Troubleshooting

If a problem arises while you are using the TV, please read this troubleshooting guide carefully before you ask to have the TV repaired. You may be able to fix it easily by yourself. For example, if the mains plug is disconnected from the mains outlet, or the TV aerial has problems, you may think there is a problem with the TV itself.

Important:

- This troubleshooting guide only covers problems whose causes are not easy to decide. If you have a question when you are operating a function, read the page(s) for that function carefully, not this troubleshooting guide.
- If you follow the advice in this troubleshooting guide without any success, unplug the mains plug and ask for your TV to be repaired. Do not attempt to repair the TV by yourself or to remove the rear cover of the TV.

■ If you cannot turn on the TV

- Is the mains plug connected to the mains outlet?
- Make sure you set the VCR/TV/DVD switch to the TV position. You cannot turn the TV on when the VCR/TV/DVD switch is set to the VCR or DVD position.

■ If you cannot turn off the TV

- Make sure you set the VCR/TV/DVD switch to the TV position. You cannot turn the TV off when the VCR/TV/DVD switch is set to the VCR or DVD position.

■ No picture or no sound

- Have you chosen a TV channel with very poor reception? If so, the BLUE BACK function will be activated: the entire screen becomes blue, and the sound is muted. If you still want to view the TV channel, follow the description “BLUE BACK” on page 28 to change the BLUE BACK function setting to OFF.
- If the SYSTEM setting for a TV channel is incorrect, it may prevent the sound from being issued. Follow the description “EDIT/MANUAL” on page 29 to use the MANUAL function to try to change the SYSTEM setting.

■ Poor picture

- If noise (snow) totally blocks out the picture, there may be a problem with the aerial or aerial cable. Check the following to try to solve the problem:
  - Have the TV and aerial been connected properly?
  - Has the aerial cable been damaged?
  - Is the aerial pointing in the right direction?
  - Is the aerial itself faulty?
- If the TV or aerial suffers interference from other equipment, stripes or noise may appear in the picture. Move any equipment such as an amplifier, personal computer, or a hair drier, that can cause interference away from your TV. Or try moving the TV. If the aerial suffers interference from a radio tower or high-voltage wire, please contact your local dealer.
- If the TV suffers interference from signals reflecting from mountains or buildings, double-pictures (ghosting) will occur. Try to change the aerial’s direction or replace it with one with better directionality.
- Are your COLOUR SYSTEM settings correct? Follow the description “COLOUR SYSTEM” on page 24 to try to solve the trouble.
- Have the COLOUR and BRIGHT settings been adjusted properly? Follow the description “BRIGHT” and “COLOUR” on page 23 to try to adjust them properly.
- Videotaping teletext is not recommended because it may not record correctly.

- When viewing images from commercially available video software products, or videos from videotapes which have been recorded improperly, the top of the image may be distorted. This is due to the condition of the video signal. There is nothing wrong with the TV.
- Since this TV is designed to make full use of the resolution of the original video source, the motion may appear unnatural when the video source is input with progressive-scanning component signals. If this occurs, change the output setting of the connected device to interlace-scanning component signal output. See the instructions that came with the device for more information.

■ Poor sound

- Have you adjusted BASS or TREBLE properly? If not, follow the description "BASS" or "TREBLE" on page 25.
- When TV channel reception is poor, it can be hard to hear stereo or bilingual sound. In this case, follow the description "STEREO / I • II" on page 25 to hear the sound more easily by changing it to a mono sound.

■ If the TV does not respond to the remote control

- Have the batteries of the remote control worn out? Follow the description "Putting the batteries into the remote control" on page 8 and replace them with new batteries.
- Have you attempted to use the remote control from the sides or rear of the TV or from more than seven metres away from the TV? Use the remote control in front of your TV or from less than seven metres away.
- When you are viewing a teletext programme, you cannot operate the menus. Press the **TV** button to return to the ordinary TV programme, and then try operating the menus.
- If the TV suddenly stops responding, disconnect the power cord of the TV from the AC outlet. Connect them to the AC outlet again to turn on the TV. If the TV returns to a normal state, it is not a failure.

■ Other issues

- When the SLEEP TIMER function operates, the TV is automatically turned off. If the TV suddenly turns off, try to press the ⏻/I (standby) button to turn on the TV once again. If the TV goes back to normal, there is no problem.
- It takes a short period of time from the time an operation such as changing channels is performed until an image is displayed. This is not a fault. This is the time needed for the image to stabilise before it can be displayed.
- The TV may make a crackling sound due to a sudden change in temperature. The picture or sound may be normal. If you hear crackling sounds frequently while you are viewing the TV, there may be other causes. As a precaution, ask your service technician to inspect it.
- The top of the TV and the screen may become hot during use but this has no affect on the performance of the TV. Make sure that the ventilation holes are not blocked.
- When the picture is unstable, the screen may become white for a moment. This happens when the signal which drives the liquid crystal is missing. This is not a fault.
- When a still image has been displayed for a long period, a faint residual image may remain on the screen for a short time after the power has been turned off or when another image is displayed. This is not a fault and the image will eventually disappear.

Specifications

Model	LT-32AX5
Broadcasting systems	B, G, I, D, K, M
Colour systems	PAL, SECAM, NTSC 3.58/4.43 MHz
Channels and frequencies	VHF low channel (VL) = 46.25 to 168.25 MHz VHF high channel (VH) = 175.25 to 463.25 MHz UHF channel (U) = 471.25 to 863.25 MHz • Receives cable channels in mid band (X to Z+2, S1 to S10), super band (S11 to S20) and hyper band (S21 to S41).
Sound-multiplex systems	NICAM (B/G, I, D/K) system, A2 (B/G, D/K) system
Languages displayed by teletext	Please see the table in the description “TELETEXT LANGUAGE” on page 33.
Teletext systems	FLOF (Fastext), WST (World Standard System)
Power requirements	110 - 240 V AC, 50/60 Hz
Power consumption [Standby]	158 W [2.1 W]
Screen size	Viewable area 80 cm (measured diagonally)
Audio output	Rated Power output: 5 W + 5 W
Speakers	6.6 cm round × 2
VIDEO-1 terminal	Euroconnector (21-pin, SCART) • Video input and Audio L/R inputs are available. • Monitor outputs (Video and Audio L/R) are available.
VIDEO-2 terminal	Euroconnector (21-pin, SCART) • Video input and Audio L/R inputs are available. • Monitor outputs (Video and Audio L/R) are available.
VIDEO-3 terminal	RCA connectors × 3 S-VIDEO connector × 1 • Video input, S-VIDEO (Y/C) input and Audio L/R inputs are available.
VIDEO-4 terminal	RCA connectors × 3 • Component video (Y, Pb, Pr) input. • Input signal types 480i/ 50Hz, 480p/ 50Hz, 576i/ 60Hz, 576p/ 60Hz, 720i/ 50Hz, 720p/ 60Hz, 1080i/ 50Hz, 1080i/ 60Hz. • Audio L/R input uses the Audio L/R of the VIDEO-3 terminal.
PC IN terminal	Analogue RGB D-SUB (15 pin) × 1 • PC signal is available. Refer to page 34 for details of the signals which can be input. • Audio L/R input uses the Audio L/R of the VIDEO-3 terminal.
Headphone jack	Stereo mini-jack (3.5 mm in diameter)
Dimensions (W × H × D) [without stand]	820 mm × 604 mm × 308 mm [820 mm × 551 mm × 127 mm]
Weight [without stand]	20 kg [16.5 kg]
Accessories	Remote control unit × 1 (RM-C1816) AA/R6 dry cell battery × 2 SCART - RCA cable (for input/output) × 2

We may change the design and specifications without notice.

ENGLISH

Model	LT-26AX5
Broadcasting systems	B, G, I, D, K, M
Colour systems	PAL, SECAM, NTSC 3.58/4.43 MHz
Channels and frequencies	VHF low channel (VL) = 46.25 to 168.25 MHz VHF high channel (VH) = 175.25 to 463.25 MHz UHF channel (U) = 471.25 to 863.25 MHz • Receives cable channels in mid band (X to Z+2, S1 to S10), super band (S11 to S20) and hyper band (S21 to S41).
Sound-multiplex systems	NICAM (B/G, I, D/K) system, A2 (B/G, D/K) system
Languages displayed by teletext	Please see the table in the description “TELETEXT LANGUAGE” on page 33.
Teletext systems	FLOF (Fastext), WST (World Standard System)
Power requirements	110 - 240 V AC, 50/60 Hz
Power consumption [Standby]	125 W [2.1 W]
Screen size	Viewable area 60 cm (measured diagonally)
Audio output	Rated Power output: 5 W + 5 W
Speakers	6.6 cm round × 2
VIDEO-1 terminal	Euroconnector (21-pin, SCART) • Video input and Audio L/R inputs are available. • Monitor outputs (Video and Audio L/R) are available.
VIDEO-2 terminal	Euroconnector (21-pin, SCART) • Video input and Audio L/R inputs are available. • Monitor outputs (Video and Audio L/R) are available.
VIDEO-3 terminal	RCA connectors × 3 S-VIDEO connector × 1 • Video input, S-VIDEO (Y/C) input and Audio L/R inputs are available.
VIDEO-4 terminal	RCA connectors × 3 • Component video (Y, Pb, Pr) input. • Input signal types 480i/ 50Hz, 480p/ 50Hz, 576i/ 60Hz, 576p/ 60Hz, 720i/ 50Hz, 720p/ 60Hz, 1080i/ 50Hz, 1080i/ 60Hz. • Audio L/R input uses the Audio L/R of the VIDEO-3 terminal.
PC IN terminal	Analogue RGB D-SUB (15 pin) × 1 • PC signal is available. Refer to page 34 for details of the signals which can be input. • Audio L/R input uses the Audio L/R of the VIDEO-3 terminal.
Headphone jack	Stereo mini-jack (3.5 mm in diameter)
Dimensions (W × H × D) [without stand]	686 mm × 527 mm × 308 mm [686 mm × 474 mm × 122 mm]
Weight [without stand]	16 kg [12.5 kg]
Accessories	Remote control unit × 1 (RM-C1816) AA/R6 dry cell battery × 2 SCART - RCA cable (for input/output) × 2

We may change the design and specifications without notice.

JVC

JVC

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0805HHH-CR-JMT

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS	
CR	Carbon Resistor
FR	Fusible Resistor
PR	Plate Resistor
VR	Variable Resistor
HV R	High Voltage Resistor
MF R	Metal Film Resistor
MG R	Metal Glazed Resistor
MP R	Metal Plate Resistor
OM R	Metal Oxide Film Resistor
CMF R	Coating Metal Film Resistor
UNF R	Non-Flammable Resistor
CH V R	Chip Variable Resistor
CH MG R	Chip Metal Glazed Resistor
COMP. R	Composition Resistor
LPTC R	Linear Positive Temperature Coefficient Resistor

CAPACITORS	
C CAP.	Ceramic Capacitor
E CAP.	Electrolytic Capacitor
M CAP.	Mylar Capacitor
CH CAP.	Chip Capacitor
HV CAP.	High Voltage Capacitor
MF CAP.	Metalized Film Capacitor
MM CAP.	Metalized Mylar Capacitor
MP CAP.	Metalized Polystyrol Capacitor
PP CAP.	Polypropylene Capacitor
PS CAP.	Polystyrol Capacitor
TF CAP.	Thin Film Capacitor
MPP CAP.	Metalized Polypropylene Capacitor
TAN. CAP.	Tantalum Capacitor
CH C CAP.	Chip Ceramic Capacitor
BP E CAP.	Bi-Polar Electrolytic Capacitor
CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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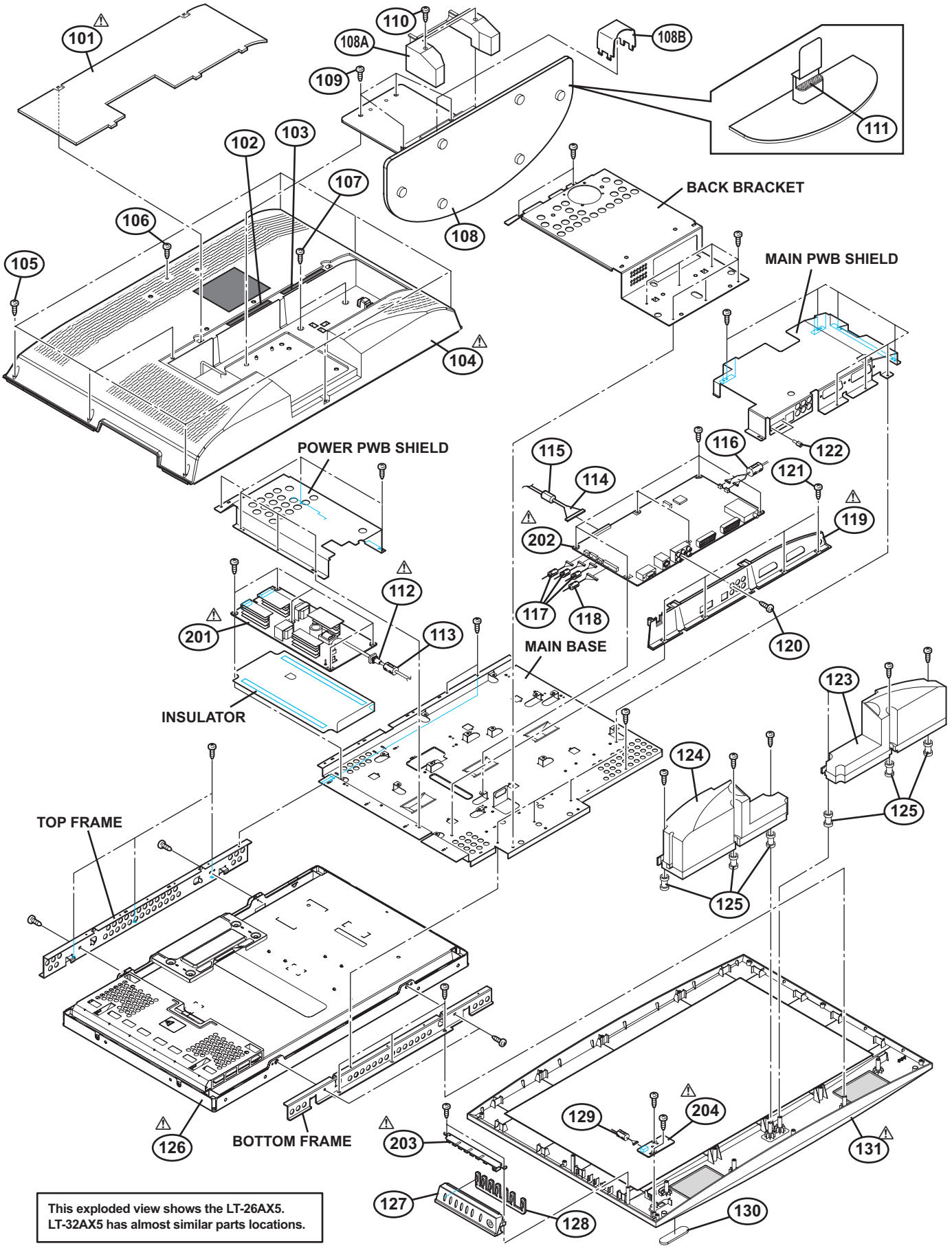
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y name	P.W.B ASS'Y No.			
	LT-26AX5	LT-26AX5/S	LT-32AX5	LT-32AX5/S
MAIN P.W.B	QAL0791-001	←	QAL0792-001	←
POWER P.W.B	QAL0793-001	←	←	←
LED P.W.B	QAL0794-001	←	←	←
KEY P.W.B	QAL0795-001	←	←	←
REMOTE CONTROL UNIT	RM-C1816S-1C	←	←	←

EXPLODED VIEW PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	101	LC12597-001A-H	JACK COVER		
	102	LC33339-001A	OPERATION SHEET		
	103	LC33338-001A	OPERATION SHEET		
⚠	104	LC12341-002B-U	REAR COVER		LT-26AX5,LT-26AX5/S
⚠	104	LC12396-002A-U	REAR COVER		LT-32AX5,LT-32AX5/S
	105	QYSBSF4012ZA	TAP SCREW	M4 x 12mm(x8)	
	106	LC42063-001A	SCREW		
	107	LC42063-001A	SCREW	(x2)	
	108	LC42296-001B-C	STAND ASSY	Inc.108A/108B	
	108A	T0120-01	STAND COVER		
	108B	T0014-03	CABLE COVER		
	109	QYSPSPD5020ZA	SCREW	M5 x 20mm(x4)	
	110	QYSPSPD3008ZA	SCREW	M3 x 8mm(x2)	
	111	LC42002-002B-C	STAND SHEET		
⚠	112	QMPK300-170-JC	POWER CORD(EU)	1.7m BLACK	LT-26AX5,LT-32AX5
⚠	112	QMPN260-170-JC	POWER CORD(EK)	1.7m BLACK	LT-26AX5/S,LT-32AX5/S
	113	QQR0491-002	FERRITE CORE		
	114	WJJ0630-001A-E	E-SI C WIRE C-C		
	115	QQR0490-001	NOISE FILTER	(x3)	LT-26AX5
	115	QQR0490-001	NOISE FILTER		LT-26AX5/S
	116	QQR0491-001	FERRITE CORE		
	117	QQR0490-001	NOISE FILTER	(x3)	LT-26AX5,LT-26AX5/S
	118	QQR0491-001	FERRITE CORE		LT-26AX5,LT-26AX5/S
⚠	119	LC12387-002A-UK	TERMINAL BASE		
	120	QYSBSF3010ZA	TAP SCREW	M3 x 10mm	
	121	LC42301-001A	SCREW	(x4)	
	122	QNB0036-001	HEX SCREW	(x2)	
	123	LC42239-001A-C	SPEAKER ASSY	LEFT	LT-26AX5,LT-26AX5/S
	123	LC42239-003A-C	SPEAKER ASSY	LEFT	LT-32AX5,LT-32AX5/S
	124	LC42239-002A-C	SPEAKER ASSY	RIGHT	LT-26AX5,LT-26AX5/S
	124	LC42239-004A-C	SPEAKER ASSY	RIGHT	LT-32AX5,LT-32AX5/S
	125	LC40226-005A-H	SPACER	(x6)	
⚠	126	QLD0370-002-JMT	LCD PANEL UNIT		LT-26AX5,LT-26AX5/S
⚠	126	QLD0371-001-JMT	LCD PANEL UNIT		LT-32AX5,LT-32AX5/S
	127	LC12467-002A-UK	CONTROL KNOB		
	128	LC21908-002A-U	KNOB BASE		
	129	QQR0491-001	FERRITE CORE		
	130	LC33312-001A	LED PLATE		
⚠	131	LC12414-002A-UK	FRONT PANEL ASSY		LT-26AX5,LT-26AX5/S
⚠	131	LC12415-002A-UK	FRONT PANEL ASSY		LT-32AX5,LT-32AX5/S
⚠	201	QAL0793-001	POWER PWB		
⚠	202	QAL0791-001	MAIN PWB		LT-26AX5,LT-26AX5/S
⚠	202	QAL0792-001	MAIN PWB		LT-32AX5,LT-32AX5/S
⚠	203	QAL0795-001	KEY PWB		
⚠	204	QAL0794-001	LED PWB		

EXPLODED VIEW



This exploded view shows the LT-26AX5.
LT-32AX5 has almost similar parts locations.

PRINTED WIRING BOARD PARTS LIST [LT-26AX5,LT-26AX5/S]

MAIN P.W. BOARD ASS'Y (QAL0791-001)

⚠Ref No.	Part No.	Part Name	Description	Local
U101	T1001-00081A	IC		
U301	T1001-00073A	IC		
U302	T1001-00064A	IC		
U303	ATF32-26AX5	IC	(SERVICE)	
U401	T1001-00084A	IC		
U402	T1001-00085A	IC		
U405	T1001-00075A	IC		
U501	T1001-00086A	IC		
U502	T1001-00063A	IC		
U601	T1001-00087A	IC		
U602	T1001-00088A	IC		
U603	T1001-00070A	IC		
U801	T0507-00002A	TRANSISTOR		
U802	T0507-00002A	TRANSISTOR		
Q101	T1001-00052A	IC		
Q102	T0507-00001A	TRANSISTOR		
Q103	T0507-00001A	TRANSISTOR		
Q104	T0507-00001A	TRANSISTOR		
Q105	T0507-00001A	TRANSISTOR		
Q106	T0507-00001A	TRANSISTOR		
Q108	T0507-00001A	TRANSISTOR		
Q202	T0507-00001A	TRANSISTOR		
Q203	T0507-00001A	TRANSISTOR		
Q301	T1001-00049A	IC		
Q303	T1001-00078A	IC		
Q304	T0507-00003A	TRANSISTOR		
Q305	T0507-00003A	TRANSISTOR		
Q306	T0507-00007A	TRANSISTOR		
Q307	T0507-00008A	TRANSISTOR		
Q308	T0507-00001A	TRANSISTOR		
Q309	T0507-00001A	TRANSISTOR		
Q311	T0507-00001A	TRANSISTOR		
Q315	T0507-00006A	TRANSISTOR		
Q316	T0507-00001A	TRANSISTOR		
Q317	T0507-00008A	TRANSISTOR		
Q403	T0507-00006A	TRANSISTOR		
Q501	T1001-00079A	IC		
Q502	T1001-00048A	IC		
Q503	T0507-00007A	TRANSISTOR		
Q601	T0507-00006A	TRANSISTOR		
Q602	T0507-00001A	TRANSISTOR		
Q603	T0507-00001A	TRANSISTOR		
Q604	T0507-00005A	TRANSISTOR		
Q701	T0507-00001A	TRANSISTOR		
Q702	T0507-00001A	TRANSISTOR		
Q703	T0507-00001A	TRANSISTOR		
Q801	T1001-00089A	IC		
Q802	T0507-00001A	TRANSISTOR		
Q804	T1001-00051A	IC		
Q805	T0507-00001A	TRANSISTOR		
Q806	T0507-00001A	TRANSISTOR		
D101	T0407-00004A	DIODE		
D205	T0408-00002A	Z DIODE		
D206	T0408-00002A	Z DIODE		
D207	T0408-00002A	Z DIODE		
D208	T0408-00002A	Z DIODE		
D209	T0408-00002A	Z DIODE		
D210	T0408-00002A	Z DIODE		
D301	T0407-00002A	DIODE		
D601	T0407-00002A	DIODE		
D602	T0407-00002A	DIODE		
D702	T0407-00002A	DIODE		
D704	T0407-00002A	DIODE		
D801	T0407-00003A	DIODE		
ZD101	T0408-00002A	Z DIODE		
ZD202	T0408-00002A	Z DIODE		
ZD203	T0408-00002A	Z DIODE		
ZD204	T0408-00002A	Z DIODE		
ZD206	T0408-00002A	Z DIODE		
ZD207	T0408-00002A	Z DIODE		
ZD208	T0408-00002A	Z DIODE		
ZD209	T0408-00002A	Z DIODE		
ZD210	T0408-00002A	Z DIODE		
ZD211	T0408-00002A	Z DIODE		
ZD212	T0408-00002A	Z DIODE		
ZD213	T0408-00002A	Z DIODE		
ZD214	T0408-00002A	Z DIODE		
ZD215	T0408-00002A	Z DIODE		
ZD216	T0408-00002A	Z DIODE		
ZD217	T0408-00002A	Z DIODE		
ZD218	T0408-00002A	Z DIODE		
ZD219	T0408-00002A	Z DIODE		
ZD221	T0408-00002A	Z DIODE		
ZD222	T0408-00002A	Z DIODE		
ZD225	T0408-00002A	Z DIODE		
ZD227	T0408-00002A	Z DIODE		
ZD230	T0408-00002A	Z DIODE		
ZD231	T0408-00002A	Z DIODE		
ZD232	T0408-00002A	Z DIODE		
ZD250	T0408-00002A	Z DIODE		
ZD251	T0408-00002A	Z DIODE		
ZD252	T0408-00002A	Z DIODE		
ZD253	T0408-00002A	Z DIODE		
ZD254	T0408-00002A	Z DIODE		
ZD255	T0408-00002A	Z DIODE		
ZD256	T0408-00002A	Z DIODE		
ZD257	T0408-00002A	Z DIODE		
ZD258	T0408-00002A	Z DIODE		
ZD259	T0408-00002A	Z DIODE		
ZD260	T0408-00002A	Z DIODE		
ZD261	T0408-00002A	Z DIODE		
ZD262	T0408-00002A	Z DIODE		
ZD263	T0408-00002A	Z DIODE		
ZD264	T0408-00002A	Z DIODE		
ZD265	T0408-00002A	Z DIODE		
ZD266	T0408-00002A	Z DIODE		
ZD267	T0408-00002A	Z DIODE		
ZD270	T0408-00002A	Z DIODE		
ZD271	T0408-00002A	Z DIODE		
ZD702	T0407-00005A	Z DIODE		
C101	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C102	T2203-FC104E	C CAPACITOR	0.1uF 50V Z	
C103	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C105	T2203-FC104E	C CAPACITOR	0.1uF 50V Z	
C106	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C107	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C109	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C110	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C112	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C113	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C201	T2203-FC102D	C CAPACITOR	1000pF 50V K	
C202	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C203	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C204	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C205	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C206	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C207	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C208	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C209	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C210	T2203-FC102D	C CAPACITOR	1000pF 50V K	
C211	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C213	T2203-FC100D	C CAPACITOR	10pF 50V K	
C214	T2203-FC100D	C CAPACITOR	10pF 50V K	
C215	T2203-FC100D	C CAPACITOR	10pF 50V K	
C216	T2203-FC471D	C CAPACITOR	470pF 50V K	
C217	T2203-FC103D	C CAPACITOR	0.01uF 50V K	
C218	T2203-FC471D	C CAPACITOR	470pF 50V K	
C219	T2203-FC103D	C CAPACITOR	0.01uF 50V K	
C220	T2203-FC471D	C CAPACITOR	470pF 50V K	
C221	T2203-FC103D	C CAPACITOR	0.01uF 50V K	
C222	T2203-FC471D	C CAPACITOR	470pF 50V K	
C223	T2203-FC103D	C CAPACITOR	0.01uF 50V K	
C226	T2203-FC471D	C CAPACITOR	470pF 50V K	
C227	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C228	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C229	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C230	T2203-FC471D	C CAPACITOR	470pF 50V K	
C231	T2203-FC471D	C CAPACITOR	470pF 50V K	
C232	T2203-FC471D	C CAPACITOR	470pF 50V K	
C233	T2203-FC471D	C CAPACITOR	470pF 50V K	
C234	T2203-FC471D	C CAPACITOR	470pF 50V K	
C235	T2203-FC471D	C CAPACITOR	470pF 50V K	
C236	T2203-FC100D	C CAPACITOR	10pF 50V K	
C238	T2203-FC100D	C CAPACITOR	10pF 50V K	
C242	T2203-FC331D	C CAPACITOR	330pF 50V K	
C243	T2203-FC331D	C CAPACITOR	330pF 50V K	
C244	T2203-FC331D	C CAPACITOR	330pF 50V K	
C248	T2203-FC334D	C CAPACITOR	0.33uF 16V Z	
C249	T2203-FC334D	C CAPACITOR	0.33uF 16V Z	
C301	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C302	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C303	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C304	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C305	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C307	T2203-FC103D	C CAPACITOR	0.01uF 50V K	
C308	T2203-FC224D	C CAPACITOR	0.22uF 50V K	
C309	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C310	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C311	T2203-FC330D	C CAPACITOR	33pF 50V K	

⚠Ref No.	Part No.	Part Name	Description Local
C312	T2203-FC101D	C CAPACITOR	0.01uF 50V K
C313	T2203-FC101D	C CAPACITOR	0.01uF 50V K
C314	T2203-FC101D	C CAPACITOR	0.01uF 50V K
C316	T2203-FC330D	C CAPACITOR	33pF 50V K
C317	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C318	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C319	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C321	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C402	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C403	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C404	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C405	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C406	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C407	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C409	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C411	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C412	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C413	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C414	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C415	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C416	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C417	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C419	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C420	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C421	T2203-FC152D	C CAPACITOR	1500pF 50V K
C422	T2203-FC152D	C CAPACITOR	1500pF 50V K
C423	T2203-FC152D	C CAPACITOR	1500pF 50V K
C424	T2203-FC100D	C CAPACITOR	10pF 50V K
C425	T2203-FC220D	C CAPACITOR	22pF 50V K
C426	T2203-FC220D	C CAPACITOR	22pF 50V K
C427	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C428	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C429	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C430	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C431	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C432	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C433	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C434	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C435	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C436	T2203-FC100D	C CAPACITOR	10pF 50V K
C438	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C439	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C440	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C441	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C442	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C443	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C444	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C445	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C446	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C447	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C451	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C452	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C453	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C454	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C455	T2203-FC471D	C CAPACITOR	470pF 50V K
C456	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C457	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C458	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C459	T2203-FC150D	C CAPACITOR	15pF 50V K
C460	T2203-FC150D	C CAPACITOR	15pF 50V K
C461	T2203-FC152D	C CAPACITOR	1500pF 50V K
C501	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C502	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C503	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C504	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C505	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C506	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C507	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C508	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C509	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C510	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C511	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C512	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C513	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C514	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C515	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C516	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C517	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C518	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C519	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C520	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C524	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C525	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C526	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C527	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C528	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C529	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C530	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C531	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C532	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C533	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C534	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C535	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C536	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C537	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C538	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C539	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C540	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C541	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C543	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C544	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C545	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C546	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C548	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C549	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C550	T2203-FC100D	C CAPACITOR	10pF 50V K
C552	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C553	T2203-FC330D	C CAPACITOR	33pF 50V K
C554	T2203-FC330D	C CAPACITOR	33pF 50V K
C555	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C556	T2203-FC102D	C CAPACITOR	1000pF 50V K
C557	T2203-FC100D	C CAPACITOR	10pF 50V K
C559	T2203-CC105D	C CAPACITOR	1uF 16V Z
C601	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C604	T2203-FC332D	C CAPACITOR	3300pF 50V K
C605	T2203-FC332D	C CAPACITOR	3300pF 50V K
C606	T2203-FC060D	C CAPACITOR	6pF 50V K
C607	T2203-FC060D	C CAPACITOR	6pF 50V K
C608	T2203-FC470D	C CAPACITOR	47pF 50V K
C610	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C611	T2203-FC470D	C CAPACITOR	47pF 50V K
C612	2007-000070	C RESISTOR	0Ω 1/16W J
C614	T2203-FC472D	C CAPACITOR	4700pF 50V K
C615	T2203-FC331D	C CAPACITOR	330pF 50V K
C616	T2203-FC331D	C CAPACITOR	330pF 50V K
C617	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C618	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C619	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C620	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C621	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C623	T2203-FC392D	C CAPACITOR	3900pF 50V K
C624	T2203-FC392D	C CAPACITOR	3900pF 50V K
C625	T2203-FC102D	C CAPACITOR	1000pF 50V K
C626	T2203-FC331D	C CAPACITOR	330pF 50V K
C627	T2203-FC331D	C CAPACITOR	330pF 50V K
C632	T2203-FC331D	C CAPACITOR	330pF 50V K
C633	T2203-FC331D	C CAPACITOR	330pF 50V K
C634	T2203-CC105D	C CAPACITOR	1uF 16V Z
C635	T2203-CC105D	C CAPACITOR	1uF 16V Z
C636	T2203-FC470D	C CAPACITOR	47pF 50V K
C638	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C639	T2203-FC682D	C CAPACITOR	6800pF 50V K
C640	T2203-FC682D	C CAPACITOR	6800pF 50V K
C701	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C702	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C703	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C707	T2203-FC104D	C CAPACITOR	0.1uF 50V K
C710	T2203-FC104D	C CAPACITOR	0.1uF 50V K
C712	T2203-FC471D	C CAPACITOR	470pF 50V K
C714	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C715	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C801	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C802	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C805	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C806	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C807	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C820	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C821	T2203-DC104E	C CAPACITOR	0.1uF 25V K
R101	2007-000076	C RESISTOR	330Ω 1/16W J
R102	2007-000076	C RESISTOR	330Ω 1/16W J
R104	2007-000076	C RESISTOR	330Ω 1/16W J
R107	2007-000075	C RESISTOR	220Ω 1/16W J
R108	2007-000070	C RESISTOR	0Ω 1/16W J
R109	2007-000102	C RESISTOR	100KΩ 1/16W J
R110	2007-000102	C RESISTOR	100KΩ 1/16W J
R114	2007-000102	C RESISTOR	100KΩ 1/16W J
R115	2007-000076	C RESISTOR	330Ω 1/16W J
R118	2007-001167	C RESISTOR	75Ω 1/16W J
R119	2007-000076	C RESISTOR	330Ω 1/16W J
R121	2007-000102	C RESISTOR	100KΩ 1/16W J
R123	2007-000076	C RESISTOR	330Ω 1/16W J
R124	2007-000075	C RESISTOR	220Ω 1/16W J
R126	2007-000078	C RESISTOR	1KΩ 1/16W J
R127	2007-000090	C RESISTOR	10KΩ 1/16W J
R128	2007-000090	C RESISTOR	10KΩ 1/16W J
R129	2007-000090	C RESISTOR	10KΩ 1/16W J
R130	2007-000078	C RESISTOR	1KΩ 1/16W J
R131	2007-000090	C RESISTOR	10KΩ 1/16W J
R132	2007-000097	C RESISTOR	47KΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R133	2007-000075	C RESISTOR	220Ω 1/16W J
R134	2007-000090	C RESISTOR	10KΩ 1/16W J
R135	2007-000078	C RESISTOR	1KΩ 1/16W J
R136	2007-000129	C RESISTOR	27KΩ 1/16W J
R137	2007-000123	C RESISTOR	1.5KΩ 1/16W J
R138	2007-000090	C RESISTOR	10KΩ 1/16W J
R142	2007-000090	C RESISTOR	10KΩ 1/16W J
R143	2007-000129	C RESISTOR	27KΩ 1/16W J
R210	2007-000643	C RESISTOR	270Ω 1/16W J
R211	2007-000074	C RESISTOR	100Ω 1/16W J
R214	2007-000078	C RESISTOR	1KΩ 1/16W J
R215	2007-000078	C RESISTOR	1KΩ 1/16W J
R216	2007-000078	C RESISTOR	1KΩ 1/16W J
R217	2007-000078	C RESISTOR	1KΩ 1/16W J
R218	2007-000078	C RESISTOR	1KΩ 1/16W J
R219	2007-000078	C RESISTOR	1KΩ 1/16W J
R220	2007-000078	C RESISTOR	1KΩ 1/16W J
R223	2007-000077	C RESISTOR	470Ω 1/16W J
R224	2007-000113	C RESISTOR	33Ω 1/16W J
R225	2007-001167	C RESISTOR	75Ω 1/16W J
R226	2007-000113	C RESISTOR	33Ω 1/16W J
R227	2007-001167	C RESISTOR	75Ω 1/16W J
R228	2007-000113	C RESISTOR	33Ω 1/16W J
R229	2007-001167	C RESISTOR	75Ω 1/16W J
R230	2007-000113	C RESISTOR	33Ω 1/16W J
R231	2007-000113	C RESISTOR	33Ω 1/16W J
R232	2007-000077	C RESISTOR	470Ω 1/16W J
R233	2007-000113	C RESISTOR	33Ω 1/16W J
R235	2007-001167	C RESISTOR	75Ω 1/16W J
R236	2007-001167	C RESISTOR	75Ω 1/16W J
R237	2007-000115	C RESISTOR	82Ω 1/16W J
R238	2007-000115	C RESISTOR	82Ω 1/16W J
R239	2007-000115	C RESISTOR	82Ω 1/16W J
R240	2007-001167	C RESISTOR	75Ω 1/16W J
R241	2007-001167	C RESISTOR	75Ω 1/16W J
R242	2007-001167	C RESISTOR	75Ω 1/16W J
R243	2007-000078	C RESISTOR	1KΩ 1/16W J
R244	2007-000078	C RESISTOR	1KΩ 1/16W J
R245	2007-001167	C RESISTOR	75Ω 1/16W J
R246	2007-001167	C RESISTOR	75Ω 1/16W J
R247	2007-001167	C RESISTOR	75Ω 1/16W J
R248	2007-000090	C RESISTOR	10KΩ 1/16W J
R249	2007-000090	C RESISTOR	10KΩ 1/16W J
R255	2007-000074	C RESISTOR	100Ω 1/16W J
R256	2007-001167	C RESISTOR	75Ω 1/16W J
R260	2007-001167	C RESISTOR	75Ω 1/16W J
R261	2007-000129	C RESISTOR	27KΩ 1/16W J
R262	2007-001167	C RESISTOR	75Ω 1/16W J
R263	2007-001167	C RESISTOR	75Ω 1/16W J
R264	2007-001167	C RESISTOR	75Ω 1/16W J
R267	2007-001167	C RESISTOR	75Ω 1/16W J
R271	2007-000074	C RESISTOR	100Ω 1/16W J
R272	2007-000074	C RESISTOR	100Ω 1/16W J
R273	2007-000643	C RESISTOR	270Ω 1/16W J
R274	2007-000074	C RESISTOR	100Ω 1/16W J
R275	2007-000070	C RESISTOR	0Ω 1/16W J
R277	2007-000070	C RESISTOR	0Ω 1/16W J
R278	2007-000078	C RESISTOR	1KΩ 1/16W J
R279	2007-000078	C RESISTOR	1KΩ 1/16W J
R280	2007-000078	C RESISTOR	1KΩ 1/16W J
R281	2007-000115	C RESISTOR	82Ω 1/16W J
R282	2007-000115	C RESISTOR	82Ω 1/16W J
R283	2007-000115	C RESISTOR	82Ω 1/16W J
R285	2007-001167	C RESISTOR	75Ω 1/16W J
R286	2007-000129	C RESISTOR	27KΩ 1/16W J
R287	2007-000882	C RESISTOR	4.7Ω 1/16W J
R288	2007-001167	C RESISTOR	75Ω 1/16W J
R289	2007-001167	C RESISTOR	75Ω 1/16W J
R290	2007-000074	C RESISTOR	100Ω 1/16W J
R291	2007-000074	C RESISTOR	100Ω 1/16W J
R292	2007-000078	C RESISTOR	1KΩ 1/16W J
R294	2007-000882	C RESISTOR	4.7Ω 1/16W J
R295	2007-001167	C RESISTOR	75Ω 1/16W J
R296	2007-000078	C RESISTOR	1KΩ 1/16W J
R299	2007-000113	C RESISTOR	33Ω 1/16W J
R304	2007-000074	C RESISTOR	100Ω 1/16W J
R305	2007-000074	C RESISTOR	100Ω 1/16W J
R307	2007-000074	C RESISTOR	100Ω 1/16W J
R308	2007-000074	C RESISTOR	100Ω 1/16W J
R309	2007-000074	C RESISTOR	100Ω 1/16W J
R310	2007-000090	C RESISTOR	10KΩ 1/16W J
R311	2007-000074	C RESISTOR	100Ω 1/16W J
R313	2007-000074	C RESISTOR	100Ω 1/16W J
R314	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R315	2007-000309	C RESISTOR	10Ω 1/16W J
R316	2007-000309	C RESISTOR	10Ω 1/16W J
R317	2007-000309	C RESISTOR	10Ω 1/16W J
R318	2007-000081	C RESISTOR	2.7KΩ 1/16W J
R319	2007-000309	C RESISTOR	10Ω 1/16W J
R320	2007-000074	C RESISTOR	100Ω 1/16W J
R321	2007-000081	C RESISTOR	2.7KΩ 1/16W J
R322	2007-000074	C RESISTOR	100Ω 1/16W J
R327	2007-000074	C RESISTOR	100Ω 1/16W J
R328	2007-000074	C RESISTOR	100Ω 1/16W J
R329	2007-001167	C RESISTOR	75Ω 1/16W J
R330	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R331	2007-000074	C RESISTOR	100Ω 1/16W J
R332	2007-000071	C RESISTOR	22Ω 1/16W J
R333	2007-000071	C RESISTOR	22Ω 1/16W J
R335	2007-000094	C RESISTOR	22KΩ 1/16W J
R336	2007-000097	C RESISTOR	47KΩ 1/16W J
R337	2007-000082	C RESISTOR	3.3KΩ 1/16W J
R338	2007-000082	C RESISTOR	3.3KΩ 1/16W J
R339	2007-000082	C RESISTOR	3.3KΩ 1/16W J
R340	2007-000071	C RESISTOR	22Ω 1/16W J
R341	2007-000074	C RESISTOR	100Ω 1/16W J
R342	2007-000309	C RESISTOR	10Ω 1/16W J
R343	2007-000078	C RESISTOR	1KΩ 1/16W J
R344	2007-000074	C RESISTOR	100Ω 1/16W J
R345	2007-000074	C RESISTOR	100Ω 1/16W J
R346	2007-000074	C RESISTOR	100Ω 1/16W J
R347	2007-000074	C RESISTOR	100Ω 1/16W J
R348	2007-000074	C RESISTOR	100Ω 1/16W J
R349	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R350	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R351	2007-000113	C RESISTOR	33Ω 1/16W J
R352	2007-000113	C RESISTOR	33Ω 1/16W J
R353	2007-000113	C RESISTOR	33Ω 1/16W J
R354	2007-000113	C RESISTOR	33Ω 1/16W J
R355	2007-000074	C RESISTOR	100Ω 1/16W J
R356	2007-000074	C RESISTOR	100Ω 1/16W J
R357	2007-000082	C RESISTOR	3.3KΩ 1/16W J
R358	2007-000074	C RESISTOR	100Ω 1/16W J
R359	2007-000074	C RESISTOR	100Ω 1/16W J
R360	2007-000082	C RESISTOR	3.3KΩ 1/16W J
R361	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R363	2007-000120	C RESISTOR	680Ω 1/16W J
R364	2007-000070	C RESISTOR	0Ω 1/16W J
R365	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R367	2007-000074	C RESISTOR	100Ω 1/16W J
R368	2007-000097	C RESISTOR	47KΩ 1/16W J
R370	2007-000090	C RESISTOR	10KΩ 1/16W J
R371	2007-000076	C RESISTOR	330Ω 1/16W J
R373	2007-000074	C RESISTOR	100Ω 1/16W J
R374	2007-000094	C RESISTOR	22KΩ 1/16W J
R375	2007-000090	C RESISTOR	10KΩ 1/16W J
R376	2007-000074	C RESISTOR	100Ω 1/16W J
R377	2007-000070	C RESISTOR	0Ω 1/16W J
R378	2007-000078	C RESISTOR	1KΩ 1/16W J
R380	2007-000090	C RESISTOR	10KΩ 1/16W J
R382	2007-000074	C RESISTOR	100Ω 1/16W J
R383	2007-000119	C RESISTOR	560Ω 1/16W J
R385	2007-000074	C RESISTOR	100Ω 1/16W J
R388	2007-000070	C RESISTOR	0Ω 1/16W J
R390	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R391	2007-000070	C RESISTOR	0Ω 1/16W J
R392	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R393	2007-000074	C RESISTOR	100Ω 1/16W J
R394	2007-000078	C RESISTOR	1KΩ 1/16W J
R395	2007-000070	C RESISTOR	0Ω 1/16W J
R396	2007-000076	C RESISTOR	330Ω 1/16W J
R397	2007-000076	C RESISTOR	330Ω 1/16W J
R411	2007-000077	C RESISTOR	470Ω 1/16W J
R412	2007-001134	C RESISTOR	68Ω 1/16W J
R413	2007-000074	C RESISTOR	100Ω 1/16W J
R414	2007-000113	C RESISTOR	33Ω 1/16W J
R415	2007-000120	C RESISTOR	680Ω 1/16W J
R416	2007-000071	C RESISTOR	22Ω 1/16W J
R417	2007-000071	C RESISTOR	22Ω 1/16W J
R418	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R419	2007-000070	C RESISTOR	0Ω 1/16W J
R427	2007-000109	C RESISTOR	1MΩ 1/16W J
R429	2007-000113	C RESISTOR	33Ω 1/16W J
R432	2007-000113	C RESISTOR	33Ω 1/16W J
R434	2007-000113	C RESISTOR	33Ω 1/16W J
R436	2007-000113	C RESISTOR	33Ω 1/16W J
R438	2007-000113	C RESISTOR	33Ω 1/16W J
R440	2007-000113	C RESISTOR	33Ω 1/16W J
R442	2007-000113	C RESISTOR	33Ω 1/16W J
R443	2007-000113	C RESISTOR	33Ω 1/16W J
R444	2007-000113	C RESISTOR	33Ω 1/16W J
R445	2007-000113	C RESISTOR	33Ω 1/16W J
R446	2007-000113	C RESISTOR	33Ω 1/16W J
R447	2007-000113	C RESISTOR	33Ω 1/16W J
R448	2007-000113	C RESISTOR	33Ω 1/16W J
R449	2007-000113	C RESISTOR	33Ω 1/16W J
R456	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R457	2007-001167	C RESISTOR	75Ω 1/16W J
R458	2007-001167	C RESISTOR	75Ω 1/16W J
R459	2007-001167	C RESISTOR	75Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R460	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R461	2007-000107	C RESISTOR	470KΩ 1/16W J
R462	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R501	2007-000090	C RESISTOR	10KΩ 1/16W J
R504	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R505	2007-000102	C RESISTOR	100KΩ 1/16W J
R509	T2901-HC011A	CHIP BEAD	30Ω
R510	T2901-HC011A	CHIP BEAD	30Ω
R511	T2901-HC011A	CHIP BEAD	30Ω
R515	T2901-HC011A	CHIP BEAD	30Ω
R516	T2901-HC011A	CHIP BEAD	30Ω
R517	T2901-HC011A	CHIP BEAD	30Ω
R518	T2901-HC011A	CHIP BEAD	30Ω
R519	T2901-HC011A	CHIP BEAD	30Ω
R529	2007-000070	C RESISTOR	0Ω 1/16W J
R541	T2901-HC011A	CHIP BEAD	30Ω
R542	T2901-HC011A	CHIP BEAD	30Ω
R543	T2901-HC011A	CHIP BEAD	30Ω
R544	2007-000071	C RESISTOR	22Ω 1/16W J
R546	T2901-HC011A	CHIP BEAD	30Ω
R548	T2901-HC011A	CHIP BEAD	30Ω
R550	T2901-HC011A	CHIP BEAD	30Ω
R560	T2901-HC011A	CHIP BEAD	30Ω
R561	T2901-HC011A	CHIP BEAD	30Ω
R562	T2901-HC011A	CHIP BEAD	30Ω
R563	T2901-HC011A	CHIP BEAD	30Ω
R565	T2901-HC011A	CHIP BEAD	30Ω
R566	2007-000309	C RESISTOR	10Ω 1/16W J
R567	T2901-HC011A	CHIP BEAD	30Ω
R568	2007-000309	C RESISTOR	10Ω 1/16W J
R571	T2901-HC011A	CHIP BEAD	30Ω
R572	T2901-HC011A	CHIP BEAD	30Ω
R573	T2901-HC011A	CHIP BEAD	30Ω
R574	2007-000074	C RESISTOR	100Ω 1/16W J
R576	2007-000113	C RESISTOR	33Ω 1/16W J
R577	T2901-HC011A	CHIP BEAD	30Ω
R579	T2901-HC011A	CHIP BEAD	30Ω
R580	2007-000113	C RESISTOR	33Ω 1/16W J
R581	2007-000113	C RESISTOR	33Ω 1/16W J
R582	T2901-HC011A	CHIP BEAD	30Ω
R583	T2901-HC011A	CHIP BEAD	30Ω
R584	T2901-HC011A	CHIP BEAD	30Ω
R585	T2901-HC011A	CHIP BEAD	30Ω
R586	T2901-HC011A	CHIP BEAD	30Ω
R587	T2901-HC011A	CHIP BEAD	30Ω
R588	T2901-HC011A	CHIP BEAD	30Ω
R589	2007-000070	C RESISTOR	0Ω 1/16W J
R591	T2901-HC011A	CHIP BEAD	30Ω
R592	T2901-HC011A	CHIP BEAD	30Ω
R593	2007-000078	C RESISTOR	1KΩ 1/16W J
R594	2007-000078	C RESISTOR	1KΩ 1/16W J
R595	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R596	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R597	2007-000118	C RESISTOR	390Ω 1/16W J
R601	2007-000078	C RESISTOR	1KΩ 1/16W J
R602	2007-000100	C RESISTOR	68KΩ 1/16W J
R603	2007-000402	C RESISTOR	150Ω 1/16W J
R604	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R605	2007-000078	C RESISTOR	1KΩ 1/16W J
R606	2007-000097	C RESISTOR	47KΩ 1/16W J
R607	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R608	2007-000096	C RESISTOR	30KΩ 1/16W J
R609	2007-000078	C RESISTOR	1KΩ 1/16W J
R610	2007-000096	C RESISTOR	30KΩ 1/16W J
R611	2007-000078	C RESISTOR	1KΩ 1/16W J
R612	2007-000097	C RESISTOR	47KΩ 1/16W J
R613	2007-000074	C RESISTOR	100Ω 1/16W J
R614	2007-000074	C RESISTOR	100Ω 1/16W J
R615	2007-000074	C RESISTOR	100Ω 1/16W J
R616	2007-000074	C RESISTOR	100Ω 1/16W J
R617	2007-000074	C RESISTOR	100Ω 1/16W J
R618	2007-000074	C RESISTOR	100Ω 1/16W J
R619	2007-000070	C RESISTOR	0Ω 1/16W J
R620	2007-000070	C RESISTOR	0Ω 1/16W J
R621	2007-000070	C RESISTOR	0Ω 1/16W J
R622	2007-000070	C RESISTOR	0Ω 1/16W J
R623	2007-000090	C RESISTOR	10KΩ 1/16W J
R624	2007-000093	C RESISTOR	20KΩ 1/16W J
R625	2007-000078	C RESISTOR	1KΩ 1/16W J
R629	2007-000074	C RESISTOR	100Ω 1/16W J
R630	2007-000093	C RESISTOR	20KΩ 1/16W J
R631	2007-000090	C RESISTOR	10KΩ 1/16W J
R632	2007-000309	C RESISTOR	10Ω 1/16W J
R633	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R701	2007-000074	C RESISTOR	100Ω 1/16W J
R702	2007-000074	C RESISTOR	100Ω 1/16W J
R703	2007-000074	C RESISTOR	100Ω 1/16W J
R704	2007-000119	C RESISTOR	560Ω 1/16W J
R705	2007-000121	C RESISTOR	820Ω 1/16W J
R707	2007-000309	C RESISTOR	10Ω 1/16W J
R708	2007-000074	C RESISTOR	100Ω 1/16W J
R709	2007-000309	C RESISTOR	10Ω 1/16W J
R710	2007-000078	C RESISTOR	1KΩ 1/16W J
R711	2007-000102	C RESISTOR	100KΩ 1/16W J
R712	2007-000102	C RESISTOR	100KΩ 1/16W J
R713	2007-000094	C RESISTOR	22KΩ 1/16W J
R801	2007-000090	C RESISTOR	10KΩ 1/16W J
R802	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R803	2007-000643	C RESISTOR	270Ω 1/16W J
R804	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R805	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R806	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R810	2007-000070	C RESISTOR	0Ω 1/16W J
L201	T2901-HC002A	CHIP BEAD	80Ω
L202	T2901-HC002A	CHIP BEAD	80Ω
L203	T2901-HC002A	CHIP BEAD	80Ω
L204	T2901-HC002A	CHIP BEAD	80Ω
L205	T2901-HC002A	CHIP BEAD	80Ω
L206	T2901-HC002A	CHIP BEAD	80Ω
L207	T2901-HC002A	CHIP BEAD	80Ω
L208	T2901-HC002A	CHIP BEAD	80Ω
L209	T2901-HC002A	CHIP BEAD	80Ω
L210	T2901-HC002A	CHIP BEAD	80Ω
L211	T2901-HC002A	CHIP BEAD	80Ω
L212	T2901-HC002A	CHIP BEAD	80Ω
L213	T2901-HC002A	CHIP BEAD	80Ω
L214	T2901-HC002A	CHIP BEAD	80Ω
L215	T2901-HC002A	CHIP BEAD	80Ω
L216	T2901-HC002A	CHIP BEAD	80Ω
L217	T2901-HC002A	CHIP BEAD	80Ω
L218	T2901-HC002A	CHIP BEAD	80Ω
L219	T2901-HC002A	CHIP BEAD	80Ω
L220	T2901-HC002A	CHIP BEAD	80Ω
L221	T2901-HC002A	CHIP BEAD	80Ω
L301	2007-000084	C RESISTOR	4.7KΩ 1/16W J
L302	T2901-HC002A	CHIP BEAD	80Ω
L303	T2901-HC002A	CHIP BEAD	80Ω
L304	T2901-HC002A	CHIP BEAD	80Ω
L305	T2901-HC002A	CHIP BEAD	80Ω
L306	T2901-JC004A	CHIP BEAD	500Ω
L317	T2703-IC002A	COIL-CHIP	10uH
L401	T2901-JC004A	CHIP BEAD	500Ω
L402	T2901-JC004A	CHIP BEAD	500Ω
L404	T2901-JC004A	CHIP BEAD	500Ω
L405	T2901-JC004A	CHIP BEAD	500Ω
L406	T2901-JC004A	CHIP BEAD	500Ω
L408	T2901-JC004A	CHIP BEAD	500Ω
L501	T2901-JC004A	CHIP BEAD	500Ω
L502	T2901-JC004A	CHIP BEAD	500Ω
L504	T2901-JC004A	CHIP BEAD	500Ω
L505	T2901-JC004A	CHIP BEAD	500Ω
L506	T2901-JC004A	CHIP BEAD	500Ω
L507	T2901-JC004A	CHIP BEAD	500Ω
L509	T2901-JC004A	CHIP BEAD	500Ω
L510	T2901-JC004A	CHIP BEAD	500Ω
L511	T2901-JC004A	CHIP BEAD	500Ω
L512	T2901-JC004A	CHIP BEAD	500Ω
L513	T2901-JC004A	CHIP BEAD	500Ω
L514	T2901-JC004A	CHIP BEAD	500Ω
L515	T2901-JC004A	CHIP BEAD	500Ω
L516	T2901-JC004A	CHIP BEAD	500Ω
L517	T2901-JC004A	CHIP BEAD	500Ω
L5VA	T2901-JC005A	CHIP BEAD	80Ω
L5VB	T2901-JC005A	CHIP BEAD	80Ω
L5VC	T2901-JC005A	CHIP BEAD	80Ω
L601	T2703-JC011A	COIL-CHIP	10uH
L602	T2703-JC011A	COIL-CHIP	10uH
L603	T2901-JC004A	CHIP BEAD	500Ω
L606	T2901-JC004A	CHIP BEAD	500Ω
L608	T2901-JC004A	CHIP BEAD	500Ω
L701	T2703-IC002A	COIL-CHIP	10uH
L703	7E10L-681M	COIL-SMD	680uH
L705	T2703-KC007A	COIL-SMD	470uH
L801	T2901-JC005A	CHIP BEAD	80Ω
L802	T2901-JC005A	CHIP BEAD	80Ω
L803	T2901-JC005A	CHIP BEAD	80Ω
L804	T2901-JC005A	CHIP BEAD	80Ω
L805	T2901-JC005A	CHIP BEAD	80Ω
L806	T2901-JC005A	CHIP BEAD	80Ω
L807	T2901-JC005A	CHIP BEAD	80Ω
L808	T2901-JC005A	CHIP BEAD	80Ω
L809	T2901-JC005A	CHIP BEAD	80Ω
L810	T2901-JC005A	CHIP BEAD	80Ω
L812	T2901-JC005A	CHIP BEAD	80Ω
L813	T2901-JC005A	CHIP BEAD	80Ω
L814	T2703-LC010A	COIL-SMD	100uH
L815	T2901-JC005A	CHIP BEAD	80Ω
L816	T2901-JC005A	CHIP BEAD	80Ω
L820	T2901-JC005A	CHIP BEAD	80Ω

⚠Ref No.	Part No.	Part Name	Description Local
L821	T2901-JC005A	CHIP BEAD	80Ω
L822	T2901-JC005A	CHIP BEAD	80Ω
L823	T2901-JC005A	CHIP BEAD	80Ω
L830	2007-000078	C RESISTOR	1KΩ 1/16W J
RN301	T2901-JC010B	BEAD ARRAY	120Ω
RN302	T2901-JC010B	BEAD ARRAY	120Ω
RN303	T2901-JC010B	BEAD ARRAY	120Ω
RN304	T2901-JC010B	BEAD ARRAY	120Ω
RN305	T2901-JC010B	BEAD ARRAY	120Ω
RN306	T2901-JC010B	BEAD ARRAY	120Ω
RN307	T2901-JC010B	BEAD ARRAY	120Ω
RN308	T2007-HC472J	RC ARRAY	4.7KΩ 1/16W J
RN309	T2901-JC010B	BEAD ARRAY	120Ω
RN310	T2007-HC472J	RC ARRAY	4.7KΩ 1/16W J
RN408	T2901-JC012B	BEAD ARRAY	30Ω
RN409	T2901-JC012B	BEAD ARRAY	30Ω
RN410	T2901-JC012B	BEAD ARRAY	30Ω
RN411	T2901-JC012B	BEAD ARRAY	30Ω
RN503	T2901-JC012B	BEAD ARRAY	30Ω
RN505	T2901-JC012B	BEAD ARRAY	30Ω
RN508	T2901-JC012B	BEAD ARRAY	30Ω
RN509	T2901-JC012B	BEAD ARRAY	30Ω
RN510	T2901-JC012B	BEAD ARRAY	30Ω
RN511	T2901-JC012B	BEAD ARRAY	30Ω
RN512	T2901-JC012B	BEAD ARRAY	30Ω
RN513	T2901-JC012B	BEAD ARRAY	30Ω
RN514	T2901-JC012B	BEAD ARRAY	30Ω
RN515	T2901-JC012B	BEAD ARRAY	30Ω
RN516	T2901-JC012B	BEAD ARRAY	30Ω
RN517	T2901-JC012B	BEAD ARRAY	30Ω
RN518	T2901-JC012B	BEAD ARRAY	30Ω
RN519	T2901-JC012B	BEAD ARRAY	30Ω
RN520	T2901-JC012B	BEAD ARRAY	30Ω
CE101	2401-000269	E CAPACITOR	100uF 16V M
CE102	T2401-CT470O	E CAPACITOR	47uF 16V M
CE103	2401-000914	E CAPACITOR	22uF 16V M
CE105	2401-002235	E CAPACITOR	10uF 16V M
CE106	2401-000603	E CAPACITOR	1uF 50V M
CE107	2401-000603	E CAPACITOR	1uF 50V M
CE108	T2401-FT0R1A	E CAPACITOR	0.1uF 50V M
CE202	2401-002235	E CAPACITOR	10uF 16V M
CE203	2401-002235	E CAPACITOR	10uF 16V M
CE204	2401-002235	E CAPACITOR	10uF 16V M
CE205	2401-002235	E CAPACITOR	10uF 16V M
CE206	2401-002594	E CAPACITOR	220uF 16V M
CE207	2401-002594	E CAPACITOR	220uF 16V M
CE220	2401-000269	E CAPACITOR	100uF 16V M
CE221	2401-000269	E CAPACITOR	100uF 16V M
CE301	T2401-BT101O	E CAPACITOR	100uF10V M
CE302	2401-000242	E CAPACITOR	100uF10V M
CE305	2401-002235	E CAPACITOR	10uF 16V M
CE402	2401-000914	E CAPACITOR	22uF 16V M
CE404	2401-002235	E CAPACITOR	10uF 16V M
CE405	2401-002235	E CAPACITOR	10uF 16V M
CE407	2401-002235	E CAPACITOR	10uF 16V M
CE408	2401-002235	E CAPACITOR	10uF 16V M
CE410	2401-000603	E CAPACITOR	1uF 50V M
CE411	2401-002075	E CAPACITOR	4.7uF 50V M
CE412	2401-002235	E CAPACITOR	10uF 16V M
CE413	2401-002235	E CAPACITOR	10uF 16V M
CE414	2401-002075	E CAPACITOR	4.7uF 50V M
CE415	2401-002235	E CAPACITOR	10uF 16V M
CE416	2401-002075	E CAPACITOR	4.7uF 50V M
CE502	T2401-CT221O	E CAPACITOR	220uF 16V M
CE503	2401-000269	E CAPACITOR	100uF 16V M
CE504	T2401-CT470O	E CAPACITOR	47uF 16V M
CE505	2401-001495	E CAPACITOR	47uF 16V M
CE506	2401-000914	E CAPACITOR	22uF 16V M
CE507	2401-000914	E CAPACITOR	22uF 16V M
CE508	2401-001495	E CAPACITOR	47uF 16V M
CE509	2401-000914	E CAPACITOR	22uF 16V M
CE510	2401-000914	E CAPACITOR	22uF 16V M
CE511	2401-000914	E CAPACITOR	22uF 16V M
CE512	2401-000914	E CAPACITOR	22uF 16V M
CE513	2401-000914	E CAPACITOR	22uF 16V M
CE514	2401-000914	E CAPACITOR	22uF 16V M
CE515	2401-000914	E CAPACITOR	22uF 16V M
CE516	2401-000914	E CAPACITOR	22uF 16V M
CE517	2401-002235	E CAPACITOR	10uF 16V M
CE518	2401-000269	E CAPACITOR	100uF 16V M
CE601	2401-002594	E CAPACITOR	220uF 16V M
CE602	2401-002594	E CAPACITOR	220uF 16V M
CE603	2401-001495	E CAPACITOR	47uF 16V M
CE604	2401-001495	E CAPACITOR	47uF 16V M
CE605	2401-000603	E CAPACITOR	1uF 50V M
CE606	2401-000242	E CAPACITOR	100uF10V M
CE607	2401-002235	E CAPACITOR	10uF 16V M
CE608	2401-002235	E CAPACITOR	10uF 16V M
CE609	2401-002235	E CAPACITOR	10uF 16V M
CE610	2401-002235	E CAPACITOR	10uF 16V M
CE611	2401-002235	E CAPACITOR	10uF 16V M
CE612	2401-001495	E CAPACITOR	47uF 16V M
CE613	2401-002235	E CAPACITOR	10uF 16V M
CE614	2401-002235	E CAPACITOR	10uF 16V M
CE617	2401-002235	E CAPACITOR	10uF 16V M
CE620	2401-002235	E CAPACITOR	10uF 16V M
CE621	2401-002235	E CAPACITOR	10uF 16V M
CE622	2401-000603	E CAPACITOR	1uF 50V M
CE623	2401-000603	E CAPACITOR	1uF 50V M
CE624	2401-002235	E CAPACITOR	10uF 16V M
CE625	2401-000603	E CAPACITOR	1uF 50V M
CE626	2401-000603	E CAPACITOR	1uF 50V M
CE627	2401-001495	E CAPACITOR	47uF 16V M
CE630	2401-000914	E CAPACITOR	22uF 16V M
CE701	2401-000269	E CAPACITOR	100uF 16V M
CE703	2401-000269	E CAPACITOR	100uF 16V M
CE704	2401-000269	E CAPACITOR	100uF 16V M
CE705	2401-000603	E CAPACITOR	1uF 50V M
CE801	2401-002594	E CAPACITOR	220uF 16V M
CE802	2401-001363	E CAPACITOR	470uF 16V M
CE803	T2401-CT470O	E CAPACITOR	47uF 16V M
CE804	2401-000269	E CAPACITOR	100uF 16V M
CE805	2401-002594	E CAPACITOR	220uF 16V M
CE808	T2401-CT221O	E CAPACITOR	220uF 16V M
CE809	2401-000302	E CAPACITOR	100uF 25V M
CE810	T2401-CT471O	E CAPACITOR	470uF 16V M
CE811	2401-002594	E CAPACITOR	220uF 16V M
H701	TCPS3001PC31S	TUNER	
J101	T3711-00037	CONNECTOR	
J102	AA60-40014A	CONNECTOR	
J201	T3722-00039A	JACK	PC IN
J202	T3722-00040A	JACK	EXT-2
J203	T3722-00040A	JACK	EXT-1
J204	T3722-00042A	JACK	EXT-3
J205	T3722-00041A	JACK	EXT-3/EXT-4
J209	T3711-00034	CONNECTOR	
J210	T3711-00035	CONNECTOR	
J303	T3711-00033	CONNECTOR	
J304	T3711-00036	CONNECTOR	
J501	T3711-00019	CONNECTOR	
J601	T3711-00029	CONNECTOR	
J602	T3711-00037	CONNECTOR	
J801	T3711-00038	CONNECTOR	
X301	T2801-00011A	CRYSTAL	6MHz
X401	T2801-00012A	CRYSTAL	27MHz
X501	T2801-00013A	CRYSTAL	14.318MHz
X601	T2801-00014A	CRYSTAL	18.432MHz

POWER P.W. BOARD ASS'Y (QAL0793-001)

⚠Ref No.	Part No.	Part Name	Description Local
FB2	T2901-JC008A	FERRITE BEAD	
FB3	T2901-JC008A	FERRITE BEAD	
FB4	T2901-JC008A	FERRITE BEAD	
FB5	T2901-JC008A	FERRITE BEAD	
FB6	T2901-JC008A	FERRITE BEAD	
FB7	T2901-JC008A	FERRITE BEAD	
FB8	T2901-JC008A	FERRITE BEAD	
FB9	T2901-IC009A	FERRITE BEAD	
Q1	T0507-00009A	TRANSISTOR	
Q2	T0507-00009A	TRANSISTOR	
Q3	T0507-00010A	TRANSISTOR	
Q4	T0501-00006A	POWER MOS FET	
Q5	T0501-00007A	POWER MOS FET	
Q6	T0507-00010A	TRANSISTOR	
Q7	T0501-00010A	TRANSISTOR	
Q8	T0501-00009A	POWER MOS FET	
Q9	T0507-00009A	TRANSISTOR	
Q10	T0507-00009A	TRANSISTOR	
Q11	T0507-00010A	TRANSISTOR	
Q12	T0501-00008A	POWER MOS FET	
Q13	T0507-00010A	TRANSISTOR	
Q14	T0507-00009A	TRANSISTOR	
U1	T1001-00091A	IC	
U2	T1001-00092A	IC	
U3	T1001-00096A	IC	
U4	T1001-00031A	IC	
U5	T1001-00092A	IC	
U6	T1001-00031A	IC	
U7	T1001-00093A	IC	
D1	T0402-00012A	DIODE	
D2	T0402-00014A	DIODE	
D4	T0407-00001A	DIODE	
D5	T0407-00001A	DIODE	

⚠Ref No.	Part No.	Part Name	Description Local
D6	T0402-00013A	DIODE	
D7	T0402-00013A	DIODE	
D8	T0402-00015A	DIODE	
D9	T0402-00016A	DIODE	
D10	T0407-00001A	DIODE	
D11	T0407-00001A	DIODE	
D12	T0402-00013A	DIODE	
D14	T0402-00017A	DIODE	
D15	T0402-00017A	DIODE	
D16	T0407-00001A	DIODE	
D17	T0407-00001A	DIODE	
D18	T0407-00001A	DIODE	
C2	T2306-TB105A	F CAPACITOR	1uF 630V J
C3	T2203-FC103E	C CAPACITOR	0.01uF 50V K
C4	T2203-FC101E	C CAPACITOR	0.01uF 50V J
C5	T2203-DC105E	C CAPACITOR	1uF 16V K
C6	T2203-DC105E	C CAPACITOR	1uF 16V K
C7	T2401-ET100O	E CAPACITOR	10uF 35V
C8	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C9	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C10	T2201-PB103A	C CAPACITOR	0.01uF 1KV Z
C11	T2401-NB150O	E CAPACITOR	150uF 450V
C12	T2401-FT220O	E CAPACITOR	22uF 50V
C13	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C14	T2203-FC102E	C CAPACITOR	1000pF 50V K
C15	T2203-FC102E	C CAPACITOR	1000pF 50V K
C16	T2306-TB472A	F CAPACITOR	4700pF 630V K
C17	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C18	T2401-ET101O	E CAPACITOR	100uF 35V
C19	T2201-PB222A	C CAPACITOR	2200pF 1KV K
C20	T2401-DT471O	E CAPACITOR	470uF 25V
C22	T2401-DT102O	E CAPACITOR	1000uF 25V
C23	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C24	T2201-PB102A	C CAPACITOR	1000pF 1KV K
C25	T2401-BT332O	E CAPACITOR	3300uF 10V
C26	T2401-BT332O	E CAPACITOR	3300uF 10V
C27	T2401-BT102O	E CAPACITOR	1000uF 10V
C28	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C29	T2401-ET101O	E CAPACITOR	100uF 35V
C30	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C31	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C32	T2401-FT220O	E CAPACITOR	22uF 50V
C33	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C34	T2203-FC102E	C CAPACITOR	1000pF 50V K
C35	T2203-FC102E	C CAPACITOR	1000pF 50V K
C36	T2203-FC102E	C CAPACITOR	1000pF 50V K
C37	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C38	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C39	T2306-TB472A	F CAPACITOR	4700pF 630V K
C40	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C41	T2201-PB102A	C CAPACITOR	1000pF 1KV K
C42	T2401-ET222O	E CAPACITOR	2200uF 35V
C43	T2401-ET222O	E CAPACITOR	2200uF 35V
C44	T2401-ET122O	E CAPACITOR	1200uF 35V
C45	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C46	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C47	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C48	T2203-DC474E	C CAPACITOR	0.47uF 25V K
C49	T2203-FC104E	C CAPACITOR	0.1uF 50V K
C50	T2401-ET100O	E CAPACITOR	10uF 35V
C52	T2301-HT104A	F CAPACITOR	0.1uF 100V K
C21A	T2401-DT471O	E CAPACITOR	470uF 25V
C21B	T2401-DT471O	E CAPACITOR	470uF 25V
C27B	T2401-BT102O	E CAPACITOR	1000uF 10V
⚠CX1	T2306-U 105A	F CAPACITOR	1uF 275V
⚠CX3	T2306-U 474A	F CAPACITOR	0.47uF 275V
⚠CX5	T2201-MB102A	C CAPACITOR	1000pF
⚠CX6	T2201-MB102A	C CAPACITOR	1000pF
⚠CY1	T2201-MB102A	C CAPACITOR	1000pF
CY2	2201-000987	C CAPACITOR	2200pF
R1	T2007-IC364J	C RESISTOR	360KΩ J
R2	T2007-IC474J	C RESISTOR	470KΩ J
R3	T2007-IC434J	C RESISTOR	430KΩ J
R4	T2007-IC564J	C RESISTOR	560KΩ J
R5	T2007-IC123F	C RESISTOR	12KΩ F
R6	T2007-IC102J	C RESISTOR	1KΩ J
R6	T2007-IC273J	C RESISTOR	27KΩ J
R7	T2007-IC221J	C RESISTOR	220Ω J
R8	T2007-IC273J	C RESISTOR	27KΩ J
R9	T2007-IC222J	C RESISTOR	2.2KΩ J
R10	T2007-IC100J	C RESISTOR	10Ω J
R11	T2007-JC470J	C RESISTOR	47Ω J
R12	T2007-IC102J	C RESISTOR	1KΩ J
R13	T2007-IC304J	C RESISTOR	300KΩ J
R14	T2007-IC304J	C RESISTOR	300KΩ J
R15	T2007-IC304J	C RESISTOR	300KΩ J
R16	T2007-IC304J	C RESISTOR	300KΩ J
R17	T2007-IC752F	C RESISTOR	7.5KΩ F

⚠Ref No.	Part No.	Part Name	Description Local
R18	T2007-IC391J	C RESISTOR	390Ω J
R19	T2007-IC471J	C RESISTOR	470Ω J
R20	T2007-IC682J	C RESISTOR	6.8KΩ J
R21	T2007-IC682J	C RESISTOR	6.8KΩ J
R22	T2007-IC682J	C RESISTOR	6.8KΩ J
R23	T2007-IC222J	C RESISTOR	2.2KΩ J
R24	T2007-JC470J	C RESISTOR	47Ω J
R25	T2007-IC103J	C RESISTOR	10KΩ J
R26	T2007-IC102J	C RESISTOR	1KΩ J
R27	T2003-ET823A	MF RESISTOR	82KΩ 3W J
R28	T2007-IC153J	C RESISTOR	15KΩ J
R29	T2007-IC222J	C RESISTOR	2.2KΩ J
R30	T2007-IC153J	C RESISTOR	15KΩ J
R31	T2007-IC102J	C RESISTOR	1KΩ J
R32	T2007-IC153J	C RESISTOR	15KΩ J
R33	T2003-CT4R7R	MF RESISTOR	4.7Ω 1W J
R34	T2003-ET470A	MF RESISTOR	47Ω 3W J
R35	T2007-IC103J	C RESISTOR	10KΩ J
R36	T2007-IC103J	C RESISTOR	10KΩ J
R37	T2007-IC273J	C RESISTOR	27KΩ J
R38	T2003-ET220A	MF RESISTOR	22Ω 3W J
R39	T2007-JC122J	C RESISTOR	1.2KΩ J
R40	T2007-IC392J	C RESISTOR	3.9KΩ J
R41	T2007-IC222J	C RESISTOR	2.2KΩ J
R42	T2007-IC471J	C RESISTOR	470Ω J
R43	T2007-IC222J	C RESISTOR	2.2KΩ J
R44	T2007-IC101J	C RESISTOR	100Ω J
R45	T2007-IC101F	C RESISTOR	100Ω F
R46	T2007-IC202F	C RESISTOR	2KΩ F
R47	T2007-IC202F	C RESISTOR	2KΩ F
R48	T2003-CT1R5R	MF RESISTOR	1.5Ω 1W J
R49	T2007-IC153J	C RESISTOR	15KΩ J
R50	T2007-IC103J	C RESISTOR	10KΩ J
R51	T2007-IC153J	C RESISTOR	15KΩ J
R52	T2007-IC100J	C RESISTOR	10Ω J
R53	T2007-JC470J	C RESISTOR	47Ω J
R54	T2007-IC103J	C RESISTOR	10KΩ J
R55	T2003-ET224A	MF RESISTOR	220KΩ 3W J
R56	T2003-ET224A	MF RESISTOR	220KΩ 3W J
R57	T2007-IC123F	C RESISTOR	12KΩ F
R58	T2007-IC153J	C RESISTOR	15KΩ J
R59	T2007-IC103J	C RESISTOR	10KΩ J
R60	T2003-ET220A	MF RESISTOR	22Ω 3W J
R61	T2007-IC153J	C RESISTOR	15KΩ J
R62	T2007-JC122J	C RESISTOR	1.2KΩ J
R63	T2007-JC122J	C RESISTOR	1.2KΩ J
R64	T2007-IC222J	C RESISTOR	2.2KΩ J
R65	T2007-IC101J	C RESISTOR	100Ω J
R66	T2007-IC153F	C RESISTOR	15KΩ F
R67	T2007-IC242F	C RESISTOR	2.4KΩ F
R68	T2007-IC202F	C RESISTOR	2KΩ F
R69	T2007-IC123F	C RESISTOR	12KΩ F
R70	T2007-IC152J	C RESISTOR	1.5KΩ J
R71	T2007-IC181J	C RESISTOR	180Ω J
R72	T2007-IC181J	C RESISTOR	180Ω J
R73	T2007-IC123F	C RESISTOR	12KΩ F
R74	T2007-IC153J	C RESISTOR	15KΩ J
R75	T2007-IC683J	C RESISTOR	68KΩ J
R76	T2007-IC222J	C RESISTOR	2.2KΩ J
R77	T2007-IC562J	C RESISTOR	5.6KΩ J
R78	T2007-JC331J	C RESISTOR	330Ω J
R79	T2007-IC562J	C RESISTOR	5.6KΩ J
R80	T2007-IC562J	C RESISTOR	5.6KΩ J
R81	T2007-IC153J	C RESISTOR	15KΩ J
R82	T2007-IC102J	C RESISTOR	1KΩ J
R83	T2007-IC153J	C RESISTOR	15KΩ J
R84	T2007-IC562J	C RESISTOR	5.6KΩ J
R85	T2007-IC102J	C RESISTOR	1KΩ J
R87	T2007-IC103J	C RESISTOR	10KΩ J
R88	T2007-IC222J	C RESISTOR	2.2KΩ J
R89	T2007-IC102J	C RESISTOR	1KΩ J
R34B	T2003-ET470A	MF RESISTOR	47Ω 3W J
RX	T2007-JC564J	C RESISTOR	560KΩ J
RX1	T2007-JC564J	C RESISTOR	560KΩ J
RX2	T2007-JC564J	C RESISTOR	560KΩ J
L1	TV49-00005A	CHOKE BAR	5.5uH
L3	TV09-00004A	CHOKE BAR	5.0uH
L4	TA49-00004A	INDUCTOR FILTER	100uH 7A
T1	TV26-3L01A	TRANSFOMER	
T2	TV26-26L02A	TRANSFOMER	
T3	TV26-26L03A	TRANSFOMER	
BD1	T0402-00018A	BRIDGE-DIODE	
⚠CN1	T3711-00039	CONNECTOR	
CN2	T3711-00040	CONNECTOR	
CN3	T3711-00041	CONNECTOR	
⚠FU1	3601-000297	FUSE	250V 5A
LF1	AB63-00012A	LINE FILTER	15mH 4A
LF2	AB63-00012A	LINE FILTER	15mH 4A

⚠Ref No.	Part No.	Part Name	Description	Local
NT1	T1404-00001A	THERMISTOR		
PC1	T1001-00094A	PHOTO COUPLER		
PC2	T1001-00094A	PHOTO COUPLER		
PC3	T1001-00094A	PHOTO COUPLER		
RC1	T2007-JC224J	C RESISTOR	220KΩ J	
RC2	T2007-JC224J	C RESISTOR	220KΩ J	
RC3	T2007-JC224J	C RESISTOR	220KΩ J	
RS1	T2003-ETR15A	R-WIRE	0.15Ω 3W J	
RS2	T2003-ETR62A	R-WIRE	0.62Ω 3W J	
RS3	T2003-ET0R2A	R-WIRE	0.2Ω 3W J	
SC1	T0501-00011A	SCR	0.8A 30V	
⚠VX1	T1405-0011A	VARISTOR		
⚠VX4	T1405-0011A	VARISTOR		
ZD1	T0408-00007A	Z DIODE		
ZD2	T0408-00006A	Z DIODE		
ZD3	T0408-00008A	Z DIODE		
ZD4	T0408-00007A	Z DIODE		
ZD5	T0408-00005A	Z DIODE		
ZD6	T0408-00005A	Z DIODE		
ZD7	T0408-00005A	Z DIODE		
ZD8	T0408-00008A	Z DIODE		
ZD9	T0408-00007A	Z DIODE		
ZD10	T0408-00006A	Z DIODE		

LED P.W. BOARD ASS'Y (QAL0794-001)

⚠Ref No.	Part No.	Part Name	Description	Local
IR201	TA59-00037A	IR RECEIVER		
Q201	T0507-00001A	TRANSISTOR		
Q204	T0507-00001A	TRANSISTOR		
C237	T2203-FC102D	C CAPACITOR	1000pF 50V K	
R201	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R202	2007-000078	C RESISTOR	1KΩ 1/16W J	
R203	2007-000309	C RESISTOR	10Ω 1/16W J	
R204	2007-000081	C RESISTOR	2.7KΩ 1/16W J	
R297	2007-000090	C RESISTOR	10KΩ 1/16W J	
R298	2007-000090	C RESISTOR	10KΩ 1/16W J	
CE201	2401-001495	E CAPACITOR	47uF 16V M	
J210	T3711-00034	CONNECTOR		
J211	T3711-00034	CONNECTOR		
LD201	T0601-00002A	LED	POWER	

KEY P.W. BOARD ASS'Y (QAL0795-001)

⚠Ref No.	Part No.	Part Name	Description	Local
D201	T0407-00004A	DIODE		
C246	T2203-FC332D	C CAPACITOR	3300pF 50V K	
C247	T2203-FC332D	C CAPACITOR	3300pF 50V K	
R205	2007-000122	C RESISTOR	1.2KΩ 1/16W J	
R206	2007-000120	C RESISTOR	680Ω 1/16W J	
R207	2007-000124	C RESISTOR	2.2KΩ 1/16W J	
R208	2007-000122	C RESISTOR	1.2KΩ 1/16W J	
R209	2007-000120	C RESISTOR	680Ω 1/16W J	
R293	2007-000113	C RESISTOR	33Ω 1/16W J	
L226	T2901-AC002A	CHIP BEAD	80Ω	
L227	T2901-AC002A	CHIP BEAD	80Ω	
L240	T2901-CC004A	CHIP BEAD	500Ω	
J1	3812-000219	JUMPER		
J207	T3722-0043A	JACK		
J209	T3711-00035	CONNECTOR		
S201	T3404-00004A	TACT SWITCH	POWER	
S202	T3404-00004A	TACT SWITCH	TV/AV	
S203	T3404-00004A	TACT SWITCH	MENU/OK	
S204	T3404-00004A	TACT SWITCH	CH+	
S205	T3404-00004A	TACT SWITCH	CH-	
S206	T3404-00004A	TACT SWITCH	VOL+	
S207	T3404-00004A	TACT SWITCH	VOL-	
ZD228	T0408-00002A	Z DIODE		
ZD229	T0408-00002A	Z DIODE		

PRINTED WIRING BOARD PARTS LIST [LT-32AX5,LT-32AX5/S]

MAIN P.W. BOARD ASS'Y (QAL0792-001)

⚠Ref No.	Part No.	Part Name	Description	Local
U101	T1001-00081A	IC		
U301	T1001-00073A	IC		
U302	T1001-00064A	IC		
U303	ATF32-32AX5	IC	(SERVICE)	
U401	T1001-00084A	IC		
U402	T1001-00085A	IC		
U405	T1001-00075A	IC		
U501	T1001-00086A	IC		
U502	T1001-00063A	IC		
U601	T1001-00087A	IC		
U602	T1001-00088A	IC		
U603	T1001-00070A	IC		
U801	T0507-00002A	TRANSISTOR		
U802	T0507-00002A	TRANSISTOR		
Q101	T1001-00052A	IC		
Q102	T0507-00001A	TRANSISTOR		
Q103	T0507-00001A	TRANSISTOR		
Q104	T0507-00001A	TRANSISTOR		
Q105	T0507-00001A	TRANSISTOR		
Q106	T0507-00001A	TRANSISTOR		
Q108	T0507-00001A	TRANSISTOR		
Q202	T0507-00001A	TRANSISTOR		
Q203	T0507-00001A	TRANSISTOR		
Q301	T1001-00049A	IC		
Q303	T1001-00078A	IC		
Q304	T0507-00003A	TRANSISTOR		
Q305	T0507-00003A	TRANSISTOR		
Q306	T0507-00007A	TRANSISTOR		
Q307	T0507-00008A	TRANSISTOR		
Q308	T0507-00001A	TRANSISTOR		
Q309	T0507-00001A	TRANSISTOR		
Q311	T0507-00001A	TRANSISTOR		
Q315	T0507-00006A	TRANSISTOR		
Q316	T0507-00001A	TRANSISTOR		
Q317	T0507-00008A	TRANSISTOR		
Q403	T0507-00006A	TRANSISTOR		
Q501	T1001-00079A	IC		
Q502	T1001-00048A	IC		
Q503	T0507-00007A	TRANSISTOR		
Q601	T0507-00006A	TRANSISTOR		
Q602	T0507-00001A	TRANSISTOR		
Q603	T0507-00001A	TRANSISTOR		
Q604	T0507-00005A	TRANSISTOR		
Q701	T0507-00001A	TRANSISTOR		
Q702	T0507-00001A	TRANSISTOR		
Q703	T0507-00001A	TRANSISTOR		
Q801	T1001-00089A	IC		
Q802	T0507-00001A	TRANSISTOR		
Q804	T1001-00051A	IC		
Q805	T0507-00001A	TRANSISTOR		
Q806	T0507-00001A	TRANSISTOR		
D101	T0407-00004A	DIODE		
D205	T0408-00002A	Z DIODE		
D206	T0408-00002A	Z DIODE		
D207	T0408-00002A	Z DIODE		
D208	T0408-00002A	Z DIODE		
D209	T0408-00002A	Z DIODE		
D210	T0408-00002A	Z DIODE		
D301	T0407-00002A	DIODE		
D601	T0407-00002A	DIODE		
D602	T0407-00002A	DIODE		
D702	T0407-00002A	DIODE		
D704	T0407-00002A	DIODE		
D801	T0407-00003A	DIODE		
ZD101	T0408-00002A	Z DIODE		
ZD202	T0408-00002A	Z DIODE		
ZD203	T0408-00002A	Z DIODE		
ZD204	T0408-00002A	Z DIODE		
ZD206	T0408-00002A	Z DIODE		
ZD207	T0408-00002A	Z DIODE		
ZD208	T0408-00002A	Z DIODE		
ZD209	T0408-00002A	Z DIODE		
ZD210	T0408-00002A	Z DIODE		
ZD211	T0408-00002A	Z DIODE		
ZD212	T0408-00002A	Z DIODE		
ZD213	T0408-00002A	Z DIODE		
ZD214	T0408-00002A	Z DIODE		
ZD215	T0408-00002A	Z DIODE		
ZD216	T0408-00002A	Z DIODE		
ZD217	T0408-00002A	Z DIODE		
ZD218	T0408-00002A	Z DIODE		
ZD219	T0408-00002A	Z DIODE		
ZD221	T0408-00002A	Z DIODE		
ZD222	T0408-00002A	Z DIODE		
ZD225	T0408-00002A	Z DIODE		
ZD227	T0408-00002A	Z DIODE		
ZD230	T0408-00002A	Z DIODE		
ZD231	T0408-00002A	Z DIODE		
ZD232	T0408-00002A	Z DIODE		
ZD250	T0408-00002A	Z DIODE		
ZD251	T0408-00002A	Z DIODE		
ZD252	T0408-00002A	Z DIODE		
ZD253	T0408-00002A	Z DIODE		
ZD254	T0408-00002A	Z DIODE		
ZD255	T0408-00002A	Z DIODE		
ZD256	T0408-00002A	Z DIODE		
ZD257	T0408-00002A	Z DIODE		
ZD258	T0408-00002A	Z DIODE		
ZD259	T0408-00002A	Z DIODE		
ZD260	T0408-00002A	Z DIODE		
ZD261	T0408-00002A	Z DIODE		
ZD262	T0408-00002A	Z DIODE		
ZD263	T0408-00002A	Z DIODE		
ZD264	T0408-00002A	Z DIODE		
ZD265	T0408-00002A	Z DIODE		
ZD266	T0408-00002A	Z DIODE		
ZD267	T0408-00002A	Z DIODE		
ZD270	T0408-00002A	Z DIODE		
ZD271	T0408-00002A	Z DIODE		
ZD702	T0407-00005A	Z DIODE		
C101	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C102	T2203-FC104E	C CAPACITOR	0.1uF 50V Z	
C103	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C105	T2203-FC104E	C CAPACITOR	0.1uF 50V Z	
C106	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C107	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C109	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C110	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C112	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C113	T2203-BC106E	C CAPACITOR	10uF 10V Z	
C201	T2203-FC102D	C CAPACITOR	1000pF 50V K	
C202	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C203	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C204	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C205	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C206	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C207	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C208	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C209	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C210	T2203-FC102D	C CAPACITOR	1000pF 50V K	
C211	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C213	T2203-FC100D	C CAPACITOR	10pF 50V K	
C214	T2203-FC100D	C CAPACITOR	10pF 50V K	
C215	T2203-FC100D	C CAPACITOR	10pF 50V K	
C216	T2203-FC471D	C CAPACITOR	470pF 50V K	
C217	T2203-FC103D	C CAPACITOR	0.01uF 50V K	
C218	T2203-FC471D	C CAPACITOR	470pF 50V K	
C219	T2203-FC103D	C CAPACITOR	0.01uF 50V K	
C220	T2203-FC471D	C CAPACITOR	470pF 50V K	
C221	T2203-FC103D	C CAPACITOR	0.01uF 50V K	
C222	T2203-FC471D	C CAPACITOR	470pF 50V K	
C223	T2203-FC103D	C CAPACITOR	0.01uF 50V K	
C226	T2203-FC471D	C CAPACITOR	470pF 50V K	
C227	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C228	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C229	T2203-FC473D	C CAPACITOR	0.047uF 50V K	
C230	T2203-FC471D	C CAPACITOR	470pF 50V K	
C231	T2203-FC471D	C CAPACITOR	470pF 50V K	
C232	T2203-FC471D	C CAPACITOR	470pF 50V K	
C233	T2203-FC471D	C CAPACITOR	470pF 50V K	
C234	T2203-FC471D	C CAPACITOR	470pF 50V K	
C235	T2203-FC471D	C CAPACITOR	470pF 50V K	
C236	T2203-FC100D	C CAPACITOR	10pF 50V K	
C238	T2203-FC100D	C CAPACITOR	10pF 50V K	
C242	T2203-FC331D	C CAPACITOR	330pF 50V K	
C243	T2203-FC331D	C CAPACITOR	330pF 50V K	
C244	T2203-FC331D	C CAPACITOR	330pF 50V K	
C248	T2203-FC334D	C CAPACITOR	0.33uF 16V Z	
C249	T2203-FC334D	C CAPACITOR	0.33uF 16V Z	
C301	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C302	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C303	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C304	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C305	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C307	T2203-FC103D	C CAPACITOR	0.01uF 50V K	
C308	T2203-FC224D	C CAPACITOR	0.22uF 50V K	
C309	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C310	T2203-DC104E	C CAPACITOR	0.1uF 25V K	
C311	T2203-FC330D	C CAPACITOR	33pF 50V K	

⚠Ref No.	Part No.	Part Name	Description Local
C312	T2203-FC101D	C CAPACITOR	0.01uF 50V K
C313	T2203-FC101D	C CAPACITOR	0.01uF 50V K
C314	T2203-FC101D	C CAPACITOR	0.01uF 50V K
C316	T2203-FC330D	C CAPACITOR	33pF 50V K
C317	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C318	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C319	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C321	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C402	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C403	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C404	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C405	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C406	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C407	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C409	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C411	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C412	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C413	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C414	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C415	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C416	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C417	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C419	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C420	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C421	T2203-FC152D	C CAPACITOR	1500pF 50V K
C421	T2203-FC152D	C CAPACITOR	1500pF 50V K
C422	T2203-FC152D	C CAPACITOR	1500pF 50V K
C422	T2203-FC152D	C CAPACITOR	1500pF 50V K
C423	T2203-FC152D	C CAPACITOR	1500pF 50V K
C423	T2203-FC152D	C CAPACITOR	1500pF 50V K
C424	T2203-FC100D	C CAPACITOR	10pF 50V K
C425	T2203-FC220D	C CAPACITOR	22pF 50V K
C426	T2203-FC220D	C CAPACITOR	22pF 50V K
C427	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C428	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C429	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C430	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C431	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C432	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C433	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C434	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C435	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C436	T2203-FC100D	C CAPACITOR	10pF 50V K
C438	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C439	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C440	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C441	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C442	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C443	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C444	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C445	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C446	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C447	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C451	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C452	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C453	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C454	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C455	T2203-FC471D	C CAPACITOR	470pF 50V K
C456	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C457	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C458	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C459	T2203-FC150D	C CAPACITOR	15pF 50V K
C460	T2203-FC150D	C CAPACITOR	15pF 50V K
C461	T2203-FC152D	C CAPACITOR	1500pF 50V K
C501	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C502	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C503	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C504	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C505	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C506	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C507	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C508	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C509	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C510	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C511	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C512	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C513	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C514	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C515	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C516	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C517	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C518	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C519	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C520	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C524	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C525	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C526	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C527	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C528	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C529	T2203-DC104E	C CAPACITOR	0.1uF 25V K

⚠Ref No.	Part No.	Part Name	Description Local
C530	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C531	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C532	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C533	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C534	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C535	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C536	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C537	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C538	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C539	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C540	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C541	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C543	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C544	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C545	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C546	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C548	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C549	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C550	T2203-FC100D	C CAPACITOR	10pF 50V K
C552	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C553	T2203-FC330D	C CAPACITOR	33pF 50V K
C554	T2203-FC330D	C CAPACITOR	33pF 50V K
C555	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C556	T2203-FC102D	C CAPACITOR	1000pF 50V K
C557	T2203-FC100D	C CAPACITOR	10pF 50V K
C559	T2203-CC105D	C CAPACITOR	1uF 16V Z
C601	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C604	T2203-FC332D	C CAPACITOR	3300pF 50V K
C605	T2203-FC332D	C CAPACITOR	3300pF 50V K
C606	T2203-FC060D	C CAPACITOR	6pF 50V K
C607	T2203-FC060D	C CAPACITOR	6pF 50V K
C608	T2203-FC470D	C CAPACITOR	47pF 50V K
C610	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C611	T2203-FC470D	C CAPACITOR	47pF 50V K
C612	2007-000070	C RESISTOR	0Ω 1/16W J
C614	T2203-FC472D	C CAPACITOR	4700pF 50V K
C615	T2203-FC331D	C CAPACITOR	330pF 50V K
C616	T2203-FC331D	C CAPACITOR	330pF 50V K
C617	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C618	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C619	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C620	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C621	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C623	T2203-FC392D	C CAPACITOR	3900pF 50V K
C624	T2203-FC392D	C CAPACITOR	3900pF 50V K
C625	T2203-FC102D	C CAPACITOR	1000pF 50V K
C626	T2203-FC331D	C CAPACITOR	330pF 50V K
C627	T2203-FC331D	C CAPACITOR	330pF 50V K
C632	T2203-FC331D	C CAPACITOR	330pF 50V K
C633	T2203-FC331D	C CAPACITOR	330pF 50V K
C634	T2203-CC105D	C CAPACITOR	1uF 16V Z
C635	T2203-CC105D	C CAPACITOR	1uF 16V Z
C636	T2203-FC470D	C CAPACITOR	47pF 50V K
C638	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C639	T2203-FC682D	C CAPACITOR	6800pF 50V K
C640	T2203-FC682D	C CAPACITOR	6800pF 50V K
C701	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C702	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C703	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C707	T2203-FC104D	C CAPACITOR	0.1uF 50V K
C710	T2203-FC104D	C CAPACITOR	0.1uF 50V K
C712	T2203-FC471D	C CAPACITOR	470pF 50V K
C714	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C715	T2203-FC103D	C CAPACITOR	0.01uF 50V K
C801	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C802	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C805	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C806	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C807	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C820	T2203-DC104E	C CAPACITOR	0.1uF 25V K
C821	T2203-DC104E	C CAPACITOR	0.1uF 25V K
R101	2007-000076	C RESISTOR	330Ω 1/16W J
R102	2007-000076	C RESISTOR	330Ω 1/16W J
R104	2007-000076	C RESISTOR	330Ω 1/16W J
R107	2007-000075	C RESISTOR	220Ω 1/16W J
R108	2007-000070	C RESISTOR	0Ω 1/16W J
R109	2007-000102	C RESISTOR	100KΩ 1/16W J
R110	2007-000102	C RESISTOR	100KΩ 1/16W J
R114	2007-000102	C RESISTOR	100KΩ 1/16W J
R115	2007-000076	C RESISTOR	330Ω 1/16W J
R118	2007-001167	C RESISTOR	75Ω 1/16W J
R119	2007-000076	C RESISTOR	330Ω 1/16W J
R121	2007-000102	C RESISTOR	100KΩ 1/16W J
R123	2007-000076	C RESISTOR	330Ω 1/16W J
R124	2007-000075	C RESISTOR	220Ω 1/16W J
R126	2007-000078	C RESISTOR	1KΩ 1/16W J
R127	2007-000090	C RESISTOR	10KΩ 1/16W J
R128	2007-000090	C RESISTOR	10KΩ 1/16W J
R129	2007-000090	C RESISTOR	10KΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R130	2007-000078	C RESISTOR	1KΩ 1/16W J
R131	2007-000090	C RESISTOR	10KΩ 1/16W J
R132	2007-000097	C RESISTOR	47KΩ 1/16W J
R133	2007-000075	C RESISTOR	220Ω 1/16W J
R134	2007-000090	C RESISTOR	10KΩ 1/16W J
R135	2007-000078	C RESISTOR	1KΩ 1/16W J
R136	2007-000129	C RESISTOR	27KΩ 1/16W J
R137	2007-000123	C RESISTOR	1.5KΩ 1/16W J
R138	2007-000090	C RESISTOR	10KΩ 1/16W J
R142	2007-000090	C RESISTOR	10KΩ 1/16W J
R143	2007-000129	C RESISTOR	27KΩ 1/16W J
R210	2007-000643	C RESISTOR	270Ω 1/16W J
R211	2007-000074	C RESISTOR	100Ω 1/16W J
R214	2007-000078	C RESISTOR	1KΩ 1/16W J
R215	2007-000078	C RESISTOR	1KΩ 1/16W J
R216	2007-000078	C RESISTOR	1KΩ 1/16W J
R217	2007-000078	C RESISTOR	1KΩ 1/16W J
R218	2007-000078	C RESISTOR	1KΩ 1/16W J
R219	2007-000078	C RESISTOR	1KΩ 1/16W J
R220	2007-000078	C RESISTOR	1KΩ 1/16W J
R223	2007-000077	C RESISTOR	470Ω 1/16W J
R224	2007-000113	C RESISTOR	33Ω 1/16W J
R225	2007-001167	C RESISTOR	75Ω 1/16W J
R226	2007-000113	C RESISTOR	33Ω 1/16W J
R227	2007-001167	C RESISTOR	75Ω 1/16W J
R228	2007-000113	C RESISTOR	33Ω 1/16W J
R229	2007-001167	C RESISTOR	75Ω 1/16W J
R230	2007-000113	C RESISTOR	33Ω 1/16W J
R231	2007-000113	C RESISTOR	33Ω 1/16W J
R232	2007-000077	C RESISTOR	470Ω 1/16W J
R233	2007-000113	C RESISTOR	33Ω 1/16W J
R235	2007-001167	C RESISTOR	75Ω 1/16W J
R236	2007-001167	C RESISTOR	75Ω 1/16W J
R237	2007-000115	C RESISTOR	82Ω 1/16W J
R238	2007-000115	C RESISTOR	82Ω 1/16W J
R239	2007-000115	C RESISTOR	82Ω 1/16W J
R240	2007-001167	C RESISTOR	75Ω 1/16W J
R241	2007-001167	C RESISTOR	75Ω 1/16W J
R242	2007-001167	C RESISTOR	75Ω 1/16W J
R243	2007-000078	C RESISTOR	1KΩ 1/16W J
R244	2007-000078	C RESISTOR	1KΩ 1/16W J
R245	2007-001167	C RESISTOR	75Ω 1/16W J
R246	2007-001167	C RESISTOR	75Ω 1/16W J
R247	2007-001167	C RESISTOR	75Ω 1/16W J
R248	2007-000090	C RESISTOR	10KΩ 1/16W J
R249	2007-000090	C RESISTOR	10KΩ 1/16W J
R255	2007-000074	C RESISTOR	100Ω 1/16W J
R256	2007-001167	C RESISTOR	75Ω 1/16W J
R260	2007-001167	C RESISTOR	75Ω 1/16W J
R261	2007-000129	C RESISTOR	27KΩ 1/16W J
R262	2007-001167	C RESISTOR	75Ω 1/16W J
R263	2007-001167	C RESISTOR	75Ω 1/16W J
R264	2007-001167	C RESISTOR	75Ω 1/16W J
R267	2007-001167	C RESISTOR	75Ω 1/16W J
R271	2007-000074	C RESISTOR	100Ω 1/16W J
R272	2007-000074	C RESISTOR	100Ω 1/16W J
R273	2007-000643	C RESISTOR	270Ω 1/16W J
R274	2007-000074	C RESISTOR	100Ω 1/16W J
R275	2007-000070	C RESISTOR	0Ω 1/16W J
R277	2007-000070	C RESISTOR	0Ω 1/16W J
R278	2007-000078	C RESISTOR	1KΩ 1/16W J
R279	2007-000078	C RESISTOR	1KΩ 1/16W J
R280	2007-000078	C RESISTOR	1KΩ 1/16W J
R281	2007-000115	C RESISTOR	82Ω 1/16W J
R282	2007-000115	C RESISTOR	82Ω 1/16W J
R283	2007-000115	C RESISTOR	82Ω 1/16W J
R285	2007-001167	C RESISTOR	75Ω 1/16W J
R286	2007-000129	C RESISTOR	27KΩ 1/16W J
R287	2007-000882	C RESISTOR	4.7Ω 1/16W J
R288	2007-001167	C RESISTOR	75Ω 1/16W J
R289	2007-001167	C RESISTOR	75Ω 1/16W J
R290	2007-000074	C RESISTOR	100Ω 1/16W J
R291	2007-000074	C RESISTOR	100Ω 1/16W J
R292	2007-000078	C RESISTOR	1KΩ 1/16W J
R294	2007-000882	C RESISTOR	4.7Ω 1/16W J
R295	2007-001167	C RESISTOR	75Ω 1/16W J
R296	2007-000078	C RESISTOR	1KΩ 1/16W J
R299	2007-000113	C RESISTOR	33Ω 1/16W J
R304	2007-000074	C RESISTOR	100Ω 1/16W J
R305	2007-000074	C RESISTOR	100Ω 1/16W J
R307	2007-000074	C RESISTOR	100Ω 1/16W J
R308	2007-000074	C RESISTOR	100Ω 1/16W J
R309	2007-000074	C RESISTOR	100Ω 1/16W J
R310	2007-000090	C RESISTOR	10KΩ 1/16W J
R311	2007-000074	C RESISTOR	100Ω 1/16W J
R313	2007-000074	C RESISTOR	100Ω 1/16W J
R314	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R315	2007-000309	C RESISTOR	10Ω 1/16W J
R316	2007-000309	C RESISTOR	10Ω 1/16W J
R317	2007-000309	C RESISTOR	10Ω 1/16W J
R318	2007-000081	C RESISTOR	2.7KΩ 1/16W J
R319	2007-000309	C RESISTOR	10Ω 1/16W J
R320	2007-000074	C RESISTOR	100Ω 1/16W J
R321	2007-000081	C RESISTOR	2.7KΩ 1/16W J
R322	2007-000074	C RESISTOR	100Ω 1/16W J
R327	2007-000074	C RESISTOR	100Ω 1/16W J
R328	2007-000074	C RESISTOR	100Ω 1/16W J
R329	2007-001167	C RESISTOR	75Ω 1/16W J
R330	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R331	2007-000074	C RESISTOR	100Ω 1/16W J
R332	2007-000071	C RESISTOR	22Ω 1/16W J
R333	2007-000071	C RESISTOR	22Ω 1/16W J
R335	2007-000094	C RESISTOR	22KΩ 1/16W J
R336	2007-000097	C RESISTOR	47KΩ 1/16W J
R337	2007-000082	C RESISTOR	3.3KΩ 1/16W J
R338	2007-000082	C RESISTOR	3.3KΩ 1/16W J
R339	2007-000082	C RESISTOR	3.3KΩ 1/16W J
R340	2007-000071	C RESISTOR	22Ω 1/16W J
R341	2007-000074	C RESISTOR	100Ω 1/16W J
R342	2007-000309	C RESISTOR	10Ω 1/16W J
R343	2007-000078	C RESISTOR	1KΩ 1/16W J
R344	2007-000074	C RESISTOR	100Ω 1/16W J
R345	2007-000074	C RESISTOR	100Ω 1/16W J
R346	2007-000074	C RESISTOR	100Ω 1/16W J
R347	2007-000074	C RESISTOR	100Ω 1/16W J
R348	2007-000074	C RESISTOR	100Ω 1/16W J
R349	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R350	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R351	2007-000113	C RESISTOR	33Ω 1/16W J
R352	2007-000113	C RESISTOR	33Ω 1/16W J
R353	2007-000113	C RESISTOR	33Ω 1/16W J
R354	2007-000113	C RESISTOR	33Ω 1/16W J
R355	2007-000074	C RESISTOR	100Ω 1/16W J
R356	2007-000074	C RESISTOR	100Ω 1/16W J
R357	2007-000082	C RESISTOR	3.3KΩ 1/16W J
R358	2007-000074	C RESISTOR	100Ω 1/16W J
R359	2007-000074	C RESISTOR	100Ω 1/16W J
R360	2007-000082	C RESISTOR	3.3KΩ 1/16W J
R361	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R363	2007-000120	C RESISTOR	680Ω 1/16W J
R364	2007-000070	C RESISTOR	0Ω 1/16W J
R365	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R367	2007-000074	C RESISTOR	100Ω 1/16W J
R368	2007-000097	C RESISTOR	47KΩ 1/16W J
R370	2007-000090	C RESISTOR	10KΩ 1/16W J
R371	2007-000076	C RESISTOR	330Ω 1/16W J
R373	2007-000074	C RESISTOR	100Ω 1/16W J
R374	2007-000094	C RESISTOR	22KΩ 1/16W J
R375	2007-000090	C RESISTOR	10KΩ 1/16W J
R376	2007-000074	C RESISTOR	100Ω 1/16W J
R377	2007-000070	C RESISTOR	0Ω 1/16W J
R378	2007-000078	C RESISTOR	1KΩ 1/16W J
R380	2007-000090	C RESISTOR	10KΩ 1/16W J
R382	2007-000074	C RESISTOR	100Ω 1/16W J
R383	2007-000119	C RESISTOR	560Ω 1/16W J
R385	2007-000074	C RESISTOR	100Ω 1/16W J
R388	2007-000070	C RESISTOR	0Ω 1/16W J
R390	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R391	2007-000070	C RESISTOR	0Ω 1/16W J
R392	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R393	2007-000074	C RESISTOR	100Ω 1/16W J
R394	2007-000078	C RESISTOR	1KΩ 1/16W J
R395	2007-000070	C RESISTOR	0Ω 1/16W J
R396	2007-000076	C RESISTOR	330Ω 1/16W J
R397	2007-000076	C RESISTOR	330Ω 1/16W J
R411	2007-000077	C RESISTOR	470Ω 1/16W J
R412	2007-001134	C RESISTOR	68Ω 1/16W J
R413	2007-000074	C RESISTOR	100Ω 1/16W J
R414	2007-000113	C RESISTOR	33Ω 1/16W J
R415	2007-000120	C RESISTOR	680Ω 1/16W J
R416	2007-000071	C RESISTOR	22Ω 1/16W J
R417	2007-000071	C RESISTOR	22Ω 1/16W J
R418	2007-000084	C RESISTOR	4.7KΩ 1/16W J
R419	2007-000070	C RESISTOR	0Ω 1/16W J
R427	2007-000109	C RESISTOR	1MΩ 1/16W J
R429	2007-000113	C RESISTOR	33Ω 1/16W J
R432	2007-000113	C RESISTOR	33Ω 1/16W J
R434	2007-000113	C RESISTOR	33Ω 1/16W J
R436	2007-000113	C RESISTOR	33Ω 1/16W J
R438	2007-000113	C RESISTOR	33Ω 1/16W J
R440	2007-000113	C RESISTOR	33Ω 1/16W J
R442	2007-000113	C RESISTOR	33Ω 1/16W J
R443	2007-000113	C RESISTOR	33Ω 1/16W J
R444	2007-000113	C RESISTOR	33Ω 1/16W J
R445	2007-000113	C RESISTOR	33Ω 1/16W J
R446	2007-000113	C RESISTOR	33Ω 1/16W J
R447	2007-000113	C RESISTOR	33Ω 1/16W J
R448	2007-000113	C RESISTOR	33Ω 1/16W J
R449	2007-000113	C RESISTOR	33Ω 1/16W J
R456	2007-000084	C RESISTOR	4.7KΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
R457	2007-001167	C RESISTOR	75Ω 1/16W J	
R458	2007-001167	C RESISTOR	75Ω 1/16W J	
R459	2007-001167	C RESISTOR	75Ω 1/16W J	
R460	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R461	2007-000107	C RESISTOR	470KΩ 1/16W J	
R462	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R501	2007-000090	C RESISTOR	10KΩ 1/16W J	
R504	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R505	2007-000102	C RESISTOR	100KΩ 1/16W J	
R509	T2901-HC011A	CHIP BEAD	30Ω	
R510	T2901-HC011A	CHIP BEAD	30Ω	
R511	T2901-HC011A	CHIP BEAD	30Ω	
R515	T2901-HC011A	CHIP BEAD	30Ω	
R516	T2901-HC011A	CHIP BEAD	30Ω	
R517	T2901-HC011A	CHIP BEAD	30Ω	
R518	T2901-HC011A	CHIP BEAD	30Ω	
R519	T2901-HC011A	CHIP BEAD	30Ω	
R529	2007-000070	C RESISTOR	0Ω 1/16W J	
R541	T2901-HC011A	CHIP BEAD	30Ω	
R542	T2901-HC011A	CHIP BEAD	30Ω	
R543	T2901-HC011A	CHIP BEAD	30Ω	
R544	2007-000071	C RESISTOR	22Ω 1/16W J	
R546	T2901-HC011A	CHIP BEAD	30Ω	
R548	T2901-HC011A	CHIP BEAD	30Ω	
R550	T2901-HC011A	CHIP BEAD	30Ω	
R560	T2901-HC011A	CHIP BEAD	30Ω	
R561	T2901-HC011A	CHIP BEAD	30Ω	
R562	T2901-HC011A	CHIP BEAD	30Ω	
R563	T2901-HC011A	CHIP BEAD	30Ω	
R565	T2901-HC011A	CHIP BEAD	30Ω	
R566	2007-000309	C RESISTOR	10Ω 1/16W J	
R567	T2901-HC011A	CHIP BEAD	30Ω	
R568	2007-000309	C RESISTOR	10Ω 1/16W J	
R571	T2901-HC011A	CHIP BEAD	30Ω	
R572	T2901-HC011A	CHIP BEAD	30Ω	
R573	T2901-HC011A	CHIP BEAD	30Ω	
R574	2007-000074	C RESISTOR	100Ω 1/16W J	
R576	2007-000113	C RESISTOR	33Ω 1/16W J	
R577	T2901-HC011A	CHIP BEAD	30Ω	
R579	T2901-HC011A	CHIP BEAD	30Ω	
R580	2007-000113	C RESISTOR	33Ω 1/16W J	
R581	2007-000113	C RESISTOR	33Ω 1/16W J	
R582	T2901-HC011A	CHIP BEAD	30Ω	
R583	T2901-HC011A	CHIP BEAD	30Ω	
R584	T2901-HC011A	CHIP BEAD	30Ω	
R585	T2901-HC011A	CHIP BEAD	30Ω	
R586	T2901-HC011A	CHIP BEAD	30Ω	
R587	T2901-HC011A	CHIP BEAD	30Ω	
R588	T2901-HC011A	CHIP BEAD	30Ω	
R589	2007-000070	C RESISTOR	0Ω 1/16W J	
R591	T2901-HC011A	CHIP BEAD	30Ω	
R592	T2901-HC011A	CHIP BEAD	30Ω	
R593	2007-000078	C RESISTOR	1KΩ 1/16W J	
R594	2007-000078	C RESISTOR	1KΩ 1/16W J	
R595	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R596	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R597	2007-000118	C RESISTOR	390Ω 1/16W J	
R601	2007-000078	C RESISTOR	1KΩ 1/16W J	
R602	2007-000100	C RESISTOR	68KΩ 1/16W J	
R603	2007-000402	C RESISTOR	150Ω 1/16W J	
R604	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R605	2007-000078	C RESISTOR	1KΩ 1/16W J	
R606	2007-000097	C RESISTOR	47KΩ 1/16W J	
R607	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R608	2007-000096	C RESISTOR	30KΩ 1/16W J	
R609	2007-000078	C RESISTOR	1KΩ 1/16W J	
R610	2007-000096	C RESISTOR	30KΩ 1/16W J	
R611	2007-000078	C RESISTOR	1KΩ 1/16W J	
R612	2007-000097	C RESISTOR	47KΩ 1/16W J	
R613	2007-000074	C RESISTOR	100Ω 1/16W J	
R614	2007-000074	C RESISTOR	100Ω 1/16W J	
R615	2007-000074	C RESISTOR	100Ω 1/16W J	
R616	2007-000074	C RESISTOR	100Ω 1/16W J	
R617	2007-000074	C RESISTOR	100Ω 1/16W J	
R618	2007-000074	C RESISTOR	100Ω 1/16W J	
R619	2007-000070	C RESISTOR	0Ω 1/16W J	
R620	2007-000070	C RESISTOR	0Ω 1/16W J	
R621	2007-000070	C RESISTOR	0Ω 1/16W J	
R622	2007-000070	C RESISTOR	0Ω 1/16W J	
R623	2007-000090	C RESISTOR	10KΩ 1/16W J	
R624	2007-000093	C RESISTOR	20KΩ 1/16W J	
R625	2007-000078	C RESISTOR	1KΩ 1/16W J	
R629	2007-000074	C RESISTOR	100Ω 1/16W J	
R630	2007-000093	C RESISTOR	20KΩ 1/16W J	
R631	2007-000090	C RESISTOR	10KΩ 1/16W J	
R632	2007-000309	C RESISTOR	10Ω 1/16W J	
R633	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R701	2007-000074	C RESISTOR	100Ω 1/16W J	
R702	2007-000074	C RESISTOR	100Ω 1/16W J	
R703	2007-000074	C RESISTOR	100Ω 1/16W J	
R704	2007-000119	C RESISTOR	560Ω 1/16W J	
R705	2007-000121	C RESISTOR	820Ω 1/16W J	
R707	2007-000309	C RESISTOR	10Ω 1/16W J	
R708	2007-000074	C RESISTOR	100Ω 1/16W J	
R709	2007-000309	C RESISTOR	10Ω 1/16W J	
R710	2007-000078	C RESISTOR	1KΩ 1/16W J	
R711	2007-000102	C RESISTOR	100KΩ 1/16W J	
R712	2007-000102	C RESISTOR	100KΩ 1/16W J	
R713	2007-000094	C RESISTOR	22KΩ 1/16W J	
R801	2007-000090	C RESISTOR	10KΩ 1/16W J	
R802	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R803	2007-000643	C RESISTOR	270Ω 1/16W J	
R804	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R805	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R806	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
R810	2007-000070	C RESISTOR	0Ω 1/16W J	
L201	T2901-HC002A	CHIP BEAD	80Ω	
L202	T2901-HC002A	CHIP BEAD	80Ω	
L203	T2901-HC002A	CHIP BEAD	80Ω	
L204	T2901-HC002A	CHIP BEAD	80Ω	
L205	T2901-HC002A	CHIP BEAD	80Ω	
L206	T2901-HC002A	CHIP BEAD	80Ω	
L207	T2901-HC002A	CHIP BEAD	80Ω	
L208	T2901-HC002A	CHIP BEAD	80Ω	
L209	T2901-HC002A	CHIP BEAD	80Ω	
L210	T2901-HC002A	CHIP BEAD	80Ω	
L211	T2901-HC002A	CHIP BEAD	80Ω	
L212	T2901-HC002A	CHIP BEAD	80Ω	
L213	T2901-HC002A	CHIP BEAD	80Ω	
L214	T2901-HC002A	CHIP BEAD	80Ω	
L215	T2901-HC002A	CHIP BEAD	80Ω	
L216	T2901-HC002A	CHIP BEAD	80Ω	
L217	T2901-HC002A	CHIP BEAD	80Ω	
L218	T2901-HC002A	CHIP BEAD	80Ω	
L219	T2901-HC002A	CHIP BEAD	80Ω	
L220	T2901-HC002A	CHIP BEAD	80Ω	
L221	T2901-HC002A	CHIP BEAD	80Ω	
L301	2007-000084	C RESISTOR	4.7KΩ 1/16W J	
L302	T2901-HC002A	CHIP BEAD	80Ω	
L303	T2901-HC002A	CHIP BEAD	80Ω	
L304	T2901-HC002A	CHIP BEAD	80Ω	
L305	T2901-HC002A	CHIP BEAD	80Ω	
L306	T2901-JC004A	CHIP BEAD	500Ω	
L317	T2703-IC002A	COIL-CHIP	10uH	
L401	T2901-JC004A	CHIP BEAD	500Ω	
L402	T2901-JC004A	CHIP BEAD	500Ω	
L404	T2901-JC004A	CHIP BEAD	500Ω	
L405	T2901-JC004A	CHIP BEAD	500Ω	
L406	T2901-JC004A	CHIP BEAD	500Ω	
L408	T2901-JC004A	CHIP BEAD	500Ω	
L501	T2901-JC004A	CHIP BEAD	500Ω	
L502	T2901-JC004A	CHIP BEAD	500Ω	
L504	T2901-JC004A	CHIP BEAD	500Ω	
L505	T2901-JC004A	CHIP BEAD	500Ω	
L506	T2901-JC004A	CHIP BEAD	500Ω	
L507	T2901-JC004A	CHIP BEAD	500Ω	
L509	T2901-JC004A	CHIP BEAD	500Ω	
L510	T2901-JC004A	CHIP BEAD	500Ω	
L511	T2901-JC004A	CHIP BEAD	500Ω	
L512	T2901-JC004A	CHIP BEAD	500Ω	
L513	T2901-JC004A	CHIP BEAD	500Ω	
L514	T2901-JC004A	CHIP BEAD	500Ω	
L515	T2901-JC004A	CHIP BEAD	500Ω	
L516	T2901-JC004A	CHIP BEAD	500Ω	
L517	T2901-JC004A	CHIP BEAD	500Ω	
L5VA	T2901-JC005A	CHIP BEAD	80Ω	
L5VB	T2901-JC005A	CHIP BEAD	80Ω	
L5VC	T2901-JC005A	CHIP BEAD	80Ω	
L601	T2703-JC011A	COIL-CHIP	10uH	
L602	T2703-JC011A	COIL-CHIP	10uH	
L603	T2901-JC004A	CHIP BEAD	500Ω	
L606	T2901-JC004A	CHIP BEAD	500Ω	
L608	T2901-JC004A	CHIP BEAD	500Ω	
L701	T2703-IC002A	COIL-CHIP	10uH	
L703	7E10L-681M	COIL-SMD	680uH	
L705	T2703-KC007A	COIL-SMD	470uH	
L801	T2901-JC005A	CHIP BEAD	80Ω	
L802	T2901-JC005A	CHIP BEAD	80Ω	
L803	T2901-JC005A	CHIP BEAD	80Ω	
L804	T2901-JC005A	CHIP BEAD	80Ω	
L805	T2901-JC005A	CHIP BEAD	80Ω	
L806	T2901-JC005A	CHIP BEAD	80Ω	
L807	T2901-JC005A	CHIP BEAD	80Ω	
L808	T2901-JC005A	CHIP BEAD	80Ω	
L809	T2901-JC005A	CHIP BEAD	80Ω	
L810	T2901-JC005A	CHIP BEAD	80Ω	
L812	T2901-JC005A	CHIP BEAD	80Ω	
L813	T2901-JC005A	CHIP BEAD	80Ω	
L814	T2703-LC010A	COIL-SMD	100uH	

⚠Ref No.	Part No.	Part Name	Description Local
L815	T2901-JC005A	CHIP BEAD	80Ω
L816	T2901-JC005A	CHIP BEAD	80Ω
L820	T2901-JC005A	CHIP BEAD	80Ω
L821	T2901-JC005A	CHIP BEAD	80Ω
L822	T2901-JC005A	CHIP BEAD	80Ω
L823	T2901-JC005A	CHIP BEAD	80Ω
L830	2007-000078	C RESISTOR	1KΩ 1/16W J
RN301	T2901-JC010B	BEAD ARRAY	120Ω
RN302	T2901-JC010B	BEAD ARRAY	120Ω
RN303	T2901-JC010B	BEAD ARRAY	120Ω
RN304	T2901-JC010B	BEAD ARRAY	120Ω
RN305	T2901-JC010B	BEAD ARRAY	120Ω
RN306	T2901-JC010B	BEAD ARRAY	120Ω
RN307	T2901-JC010B	BEAD ARRAY	120Ω
RN308	T2007-HC472J	RC ARRAY	4.7KΩ 1/16W J
RN309	T2901-JC010B	BEAD ARRAY	120Ω
RN310	T2007-HC472J	RC ARRAY	4.7KΩ 1/16W J
RN408	T2901-JC012B	BEAD ARRAY	30Ω
RN409	T2901-JC012B	BEAD ARRAY	30Ω
RN410	T2901-JC012B	BEAD ARRAY	30Ω
RN411	T2901-JC012B	BEAD ARRAY	30Ω
RN503	T2901-JC012B	BEAD ARRAY	30Ω
RN505	T2901-JC012B	BEAD ARRAY	30Ω
RN508	T2901-JC012B	BEAD ARRAY	30Ω
RN509	T2901-JC012B	BEAD ARRAY	30Ω
RN510	T2901-JC012B	BEAD ARRAY	30Ω
RN511	T2901-JC012B	BEAD ARRAY	30Ω
RN512	T2901-JC012B	BEAD ARRAY	30Ω
RN513	T2901-JC012B	BEAD ARRAY	30Ω
RN514	T2901-JC012B	BEAD ARRAY	30Ω
RN515	T2901-JC012B	BEAD ARRAY	30Ω
RN516	T2901-JC012B	BEAD ARRAY	30Ω
RN517	T2901-JC012B	BEAD ARRAY	30Ω
RN518	T2901-JC012B	BEAD ARRAY	30Ω
RN519	T2901-JC012B	BEAD ARRAY	30Ω
RN520	T2901-JC012B	BEAD ARRAY	30Ω
CE101	2401-000269	E CAPACITOR	100uF 16V M
CE102	T2401-CT470O	E CAPACITOR	47uF 16V M
CE103	2401-000914	E CAPACITOR	22uF 16V M
CE105	2401-002235	E CAPACITOR	10uF 16V M
CE106	2401-000603	E CAPACITOR	1uF 50V M
CE107	2401-000603	E CAPACITOR	1uF 50V M
CE108	T2401-FT0R1A	E CAPACITOR	0.1uF 50V M
CE202	2401-002235	E CAPACITOR	10uF 16V M
CE203	2401-002235	E CAPACITOR	10uF 16V M
CE204	2401-002235	E CAPACITOR	10uF 16V M
CE205	2401-002235	E CAPACITOR	10uF 16V M
CE206	2401-002594	E CAPACITOR	220uF 16V M
CE207	2401-002594	E CAPACITOR	220uF 16V M
CE220	2401-000269	E CAPACITOR	100uF 16V M
CE221	2401-000269	E CAPACITOR	100uF 16V M
CE301	T2401-BT101O	E CAPACITOR	100uF10V M
CE302	2401-000242	E CAPACITOR	100uF10V M
CE305	2401-002235	E CAPACITOR	10uF 16V M
CE402	2401-000914	E CAPACITOR	22uF 16V M
CE404	2401-002235	E CAPACITOR	10uF 16V M
CE405	2401-002235	E CAPACITOR	10uF 16V M
CE407	2401-002235	E CAPACITOR	10uF 16V M
CE408	2401-002235	E CAPACITOR	10uF 16V M
CE410	2401-000603	E CAPACITOR	1uF 50V M
CE411	2401-002075	E CAPACITOR	4.7uF 50V M
CE412	2401-002235	E CAPACITOR	10uF 16V M
CE413	2401-002235	E CAPACITOR	10uF 16V M
CE414	2401-002075	E CAPACITOR	4.7uF 50V M
CE415	2401-002235	E CAPACITOR	10uF 16V M
CE416	2401-002075	E CAPACITOR	4.7uF 50V M
CE502	T2401-CT221O	E CAPACITOR	220uF 16V M
CE503	2401-000269	E CAPACITOR	100uF 16V M
CE504	T2401-CT470O	E CAPACITOR	47uF 16V M
CE505	2401-001495	E CAPACITOR	47uF 16V M
CE506	2401-000914	E CAPACITOR	22uF 16V M
CE507	2401-000914	E CAPACITOR	22uF 16V M
CE508	2401-001495	E CAPACITOR	47uF 16V M
CE509	2401-000914	E CAPACITOR	22uF 16V M
CE510	2401-000914	E CAPACITOR	22uF 16V M
CE511	2401-000914	E CAPACITOR	22uF 16V M
CE512	2401-000914	E CAPACITOR	22uF 16V M
CE513	2401-000914	E CAPACITOR	22uF 16V M
CE514	2401-000914	E CAPACITOR	22uF 16V M
CE515	2401-000914	E CAPACITOR	22uF 16V M
CE516	2401-000914	E CAPACITOR	22uF 16V M
CE517	2401-002235	E CAPACITOR	10uF 16V M
CE518	2401-000269	E CAPACITOR	100uF 16V M
CE601	2401-002594	E CAPACITOR	220uF 16V M
CE602	2401-002594	E CAPACITOR	220uF 16V M
CE603	2401-001495	E CAPACITOR	47uF 16V M
CE604	2401-001495	E CAPACITOR	47uF 16V M
CE605	2401-000603	E CAPACITOR	1uF 50V M
CE606	2401-000242	E CAPACITOR	100uF10V M

⚠Ref No.	Part No.	Part Name	Description Local
CE607	2401-002235	E CAPACITOR	10uF 16V M
CE608	2401-002235	E CAPACITOR	10uF 16V M
CE609	2401-002235	E CAPACITOR	10uF 16V M
CE610	2401-002235	E CAPACITOR	10uF 16V M
CE611	2401-002235	E CAPACITOR	10uF 16V M
CE612	2401-001495	E CAPACITOR	47uF 16V M
CE613	2401-002235	E CAPACITOR	10uF 16V M
CE614	2401-002235	E CAPACITOR	10uF 16V M
CE617	2401-002235	E CAPACITOR	10uF 16V M
CE620	2401-002235	E CAPACITOR	10uF 16V M
CE621	2401-002235	E CAPACITOR	10uF 16V M
CE622	2401-000603	E CAPACITOR	1uF 50V M
CE623	2401-000603	E CAPACITOR	1uF 50V M
CE624	2401-002235	E CAPACITOR	10uF 16V M
CE625	2401-000603	E CAPACITOR	1uF 50V M
CE626	2401-000603	E CAPACITOR	1uF 50V M
CE627	2401-001495	E CAPACITOR	47uF 16V M
CE630	2401-000914	E CAPACITOR	22uF 16V M
CE701	2401-000269	E CAPACITOR	100uF 16V M
CE703	2401-000269	E CAPACITOR	100uF 16V M
CE704	2401-000269	E CAPACITOR	100uF 16V M
CE705	2401-000603	E CAPACITOR	1uF 50V M
CE801	2401-002594	E CAPACITOR	220uF 16V M
CE802	2401-001363	E CAPACITOR	470uF 16V M
CE803	T2401-CT470O	E CAPACITOR	47uF 16V M
CE804	2401-000269	E CAPACITOR	100uF 16V M
CE805	2401-002594	E CAPACITOR	220uF 16V M
CE808	T2401-CT221O	E CAPACITOR	220uF 16V M
CE809	2401-000302	E CAPACITOR	100uF 25V M
CE810	T2401-CT471O	E CAPACITOR	470uF 16V M
CE811	2401-002594	E CAPACITOR	220uF 16V M
H701	TCPS3001PC31S	TUNER	
J101	T3711-00037	CONNECTOR	
J102	AA60-40014A	CONNECTOR	
J201	T3722-00039A	JACK	PC IN
J202	T3722-00040A	JACK	EXT-2
J203	T3722-00040A	JACK	EXT-1
J204	T3722-00042A	JACK	EXT-3
J205	T3722-00041A	JACK	EXT-3/EXT-4
J209	T3711-00034	CONNECTOR	
J210	T3711-00035	CONNECTOR	
J303	T3711-00033	CONNECTOR	
J304	T3711-00036	CONNECTOR	
J501	T3711-00019	CONNECTOR	
J601	T3711-00029	CONNECTOR	
J602	T3711-00037	CONNECTOR	
J801	T3711-00038	CONNECTOR	
X301	T2801-00011A	CRYSTAL	6MHz
X401	T2801-00012A	CRYSTAL	27MHz
X501	T2801-00013A	CRYSTAL	14.318MHz
X601	T2801-00014A	CRYSTAL	18.432MHz

POWER P.W. BOARD ASS'Y (QAL0793-001)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

LED P.W. BOARD ASS'Y (QAL0794-001)

REFER TO PARTS LIST IN PAGE 3-11 FOR THIS P.W. BOARD.

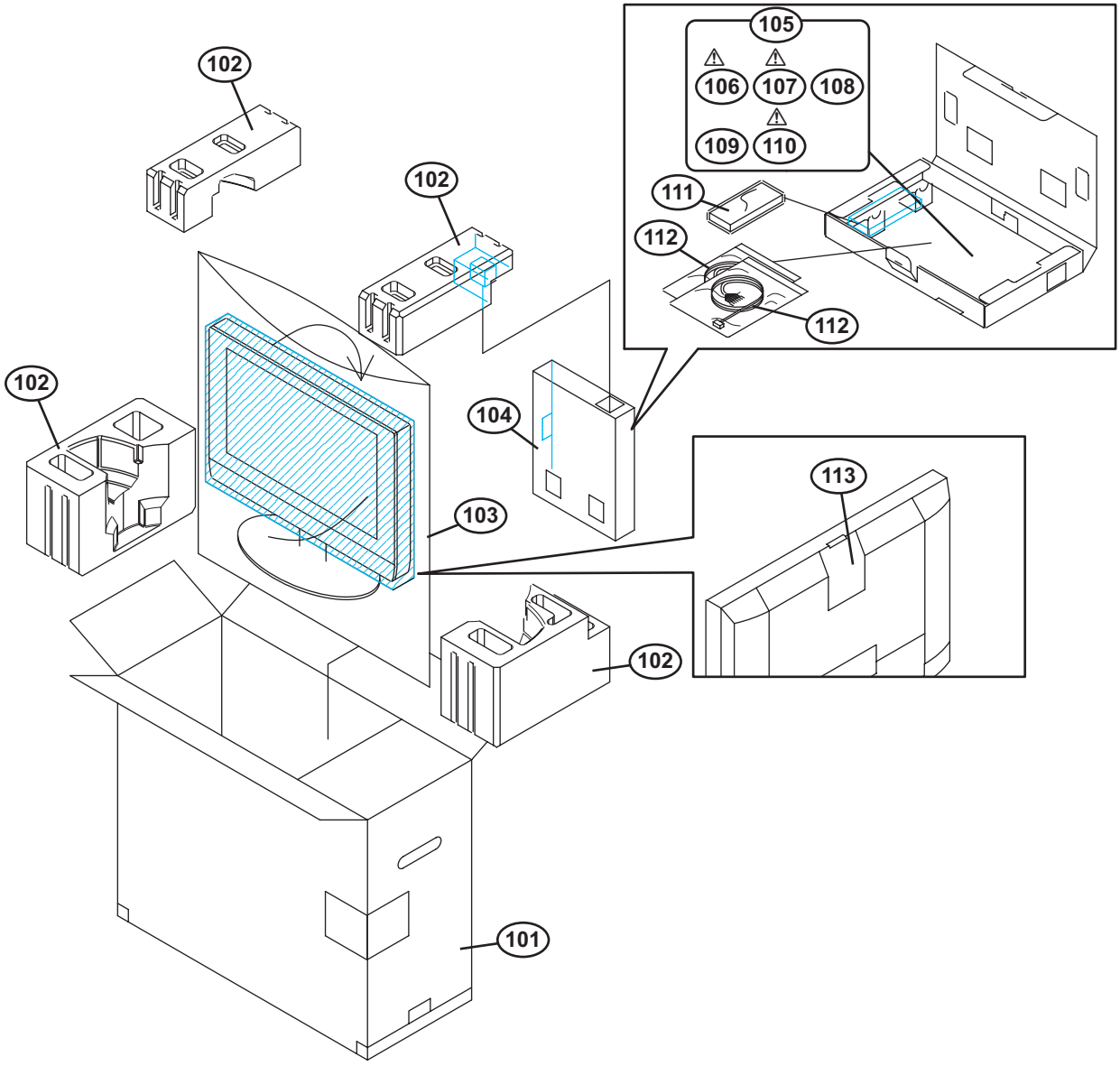
KEY P.W. BOARD ASS'Y (QAL0795-001)

REFER TO PARTS LIST IN PAGE 3-11 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
		2AA070311	BATTERY COVER		

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	101	LC10845-073B-H	PACKING CASE		LT-26AX5,LT-26AX5/S
	101	LC10845-074B-H	PACKING CASE		LT-32AX5,LT-32AX5/S
	102	LC12562-001A-H	CUSHION ASSY	4pcs in 1set	LT-26AX5,LT-26AX5/S
	102	LC12564-001A-H	CUSHION ASSY	4pcs in 1set	LT-32AX5,LT-32AX5/S
	103	GG30097-003A-H	POLY BAG		LT-26AX5,LT-26AX5/S
	103	GG30097-004A-H	POLY BAG		LT-32AX5,LT-32AX5/S
	104	LC22023-001A-H	ACCESSORY BOX		
	105	CP30966-001-H	POLY BAG		
⚠	106	LCT1926-001A-H	INST BOOK	English	
⚠	107	LCT1927-001A-H	INST BOOK	Russian/Traditional Chinese/French/Arabic/Persian	
	108	QAM0028-001	MATCHING BOX		LT-26AX5,LT-32AX5
	109	----------	BATTERY	R6P/AA(x2)	
⚠	110	QAM0054-001	CONVERSION PLUG		LT-26AX5,LT-32AX5
	111	RM-C1816S-1C	REMOCON UNIT		
	112	QAM0654-001	SCART-RCA CABLE	(x2)	
	113	LCT1516-001A-H	CAUTION SHEET		

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